

climb smart!



**GÜNZBURGER  
STEIGTECHNIK**

# Special Solutions

No. 3



**We like doing it !**

**New:** Power operated  
working platforms

[www.steigtechnik.de](http://www.steigtechnik.de)

# Special Solutions

## Günzburger Steigtechnik GmbH

is one of the most important companies in the production of ascending systems of all kinds. Innovation, progress and the upkeep of tradition are features which have marked this family company for generations already.



Short communication channels and the possibility to be on site fast are fortes of **Günzburger Steigtechnik GmbH**. Our partners are spread all over Europe – the whole capacity of one of the leading manufacturers in ascending systems directly on site. In Europe, and if you need us, all over the world as well.

**Fast – flexible – competent.**

Products of **Günzburger Steigtechnik GmbH** are in use in many fields, such as in industry, in the public sector, in trade, and of course in private households. Whenever a solution is required for the “ups and downs”, the specialists of Günzburger Steigtechnik GmbH are partners very much in demand. Professional planning work and realisation, flexibility and the possibility to put ideas into practice fast and at a competitive price are our fortes. High-quality materials, strict quality checks, modern manufacturing systems, and of course a well-coordinated team of trained specialists give you the absolute security of being in good hands. The following pages shall give you an impressive overview of our special constructions. But, if you do not find what you need here, we also produce special solutions to your specification.

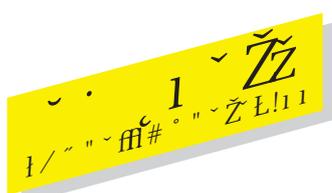
## Service for you

### Terms of guarantee

For our products we select the best materials and most suitable manufacturing processes. Our company has been awarded certification in keeping with standard DIN EN ISO 9001:2000, and has a functioning quality assurance management. For this reason, we can give you a guarantee of fifteen years on our products. The guarantee shall start on the day of purchase; invoices or sales slips shall serve as proof.

The guarantee shall cover all material, workmanship or construction faults, which have to answer for. Damage which can be traced back to natural wear, incorrect handling or modification shall not be covered by the guarantee.

In case of guarantee we shall choose remedy or replacement at our discretion. Any other claims shall be excluded.



## Documentation for every larger special solution

Günzburger Steigtechnik GmbH supplies a map of detailed documentation for every larger special solution.

This map is intended to familiarise you with the system and to help you operate your special solution without any problems.

Apart from safety-related information, the documentation also contains instructions on the intended use, installation as well as the technical data and the precise initial operation.

In order to meet the safety regulations, every documentation contains a manufacturer’s declaration for the special solution concerned.





# Special Solutions

## The programme overview

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# Special Solutions

## For commercial vehicles



## For rail vehicles



## For the aircraft industry



## For plant engineering



## Miscellaneous special solutions



# Working platforms



Günzburger Steigtechnik GmbH offers four different standard versions. But, other customised requirements can be met as well.

## **Type 1: height-adjustable, four steering rollers, strut-free undercarriage, two windlasses**

By means of windlasses, two persons can adjust the platform height in sections of 280 mm. The integrated fall-hooks permit a safe platform cover on the front supports. A spring-loaded door is fitted as a fall protection. The travelling mechanism consists of four equally large steering rollers with arrestor brake.

## **Type 2: height-adjustable, four steering rollers, undercarriage with struts, one windlass**

By means of windlasses, one person can adjust the platform height in sections of 280 mm. The integrated fall-hooks permit a safe platform cover on the front supports. A spring-loaded door is fitted as a fall protection. The travelling mechanism consists of four equally large steering rollers with arrestor brake.

## **Type 3: height-adjustable, four steering rollers, strut-free undercarriage, two rack winches**

By means of two rack winches, the platform height can be adjusted in sections of 100 mm. The platform is secured in the supporting parts by means of security plugs. A spring-loaded door is fitted as a fall protection. The travelling mechanism consists of four equally large steering rollers with arrestor brake.

## **Type 4: height-adjustable, four steering rollers, strut-free undercarriage, hook**

The platform height can be manually adjusted in sections of 280 mm. The hooks are secured by means of four safety plugs. A safety chain is fitted as a fall protection. The travelling mechanism consists of four equally large steering rollers with arrestor brake.

### **Caution !**

As a standard feature, the platform covers on our working platforms are fitted with grooved, non-slip aluminium press profiles. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. In order to increase the standing safety, a ballast weight can be attached in addition. A permanent or pluggable railing can be provided as required by the customer.

## **Intended use**

- ǒ **The working platforms have been designed for installation, servicing and monitoring work.**
- ǒ The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ǒ The working platform may be used, serviced or repaired by expert staff only who are familiar with the work and have been instructed about the hazards. Unauthorised modifications on the working platform shall void the liability of the manufacturer for any resulting damage.
- ǒ When changing the location, travel slowly to prevent a crash.
- ǒ The presence of persons on the working platform is impermissible whilst it is being moved.
- ǒ The bridging of the working platform with planks et cetera is impermissible.
- ǒ It is forbidden to increase the platform height by using ladder, crates or other devices.
- ǒ If the working platform is used at or on traffic routes, it has to be secured adequately.
- ǒ Use the working platform only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.
- ǒ Please make sure that the working platform is set up statically stable on firm ground.
- ǒ The working platform may be used only, if the arrestors of the steering rollers have been applied.
- ǒ In case of working platforms with adjustment spindles, the latter have to be turned down so far that the working platform is upright and all rollers are removed from the ground.

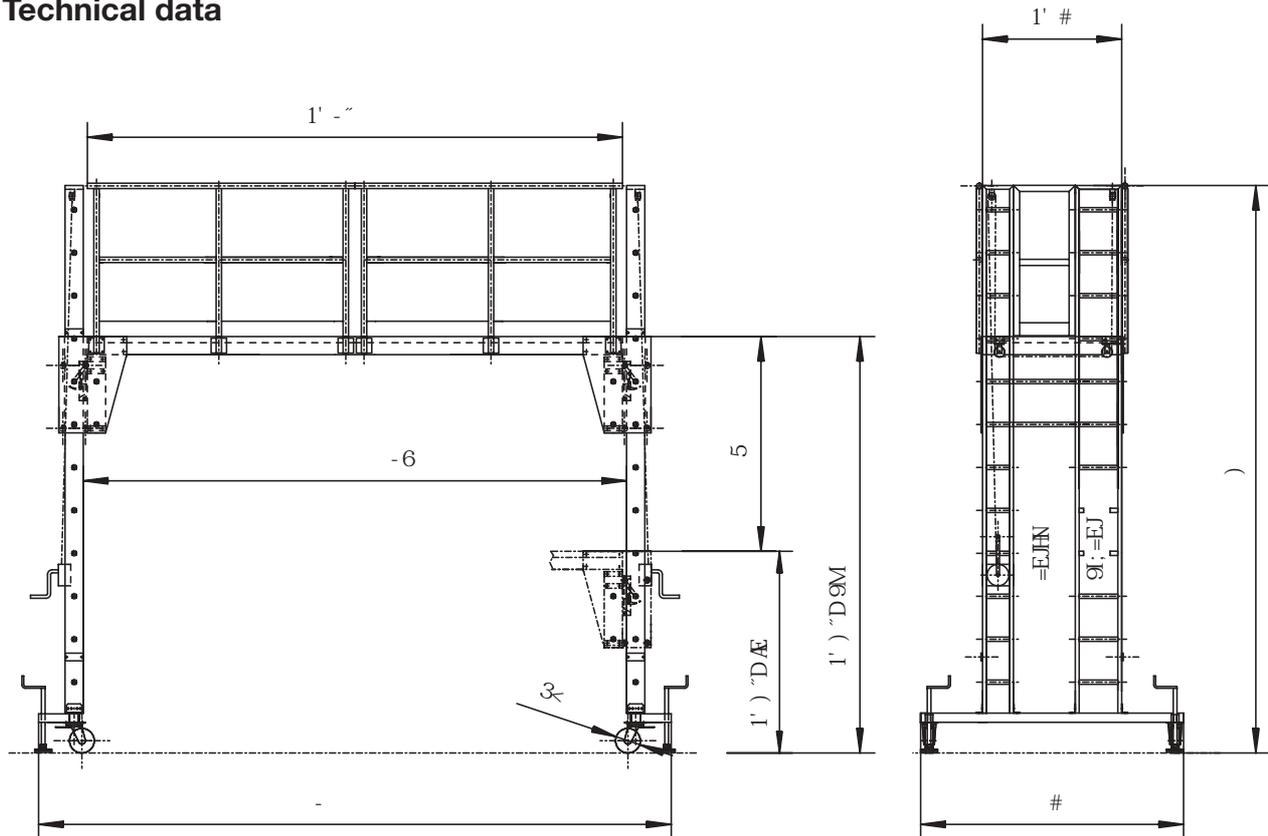
### Working platform

**Type 1:** height-adjustable with windlass, four steering rollers, strut-free undercarriage, with two windlasses



11.00.7922

## Technical data



## Type 1: Wheeled working platform, height-adjustable, with strut free undercarriage

## Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Clear width	<b>LW</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....

## Height adjustment:

Rope winch		kg	300
Quantity		ea.	2

## Adjustment range:

Maximum platform height	<b>PF H. max.</b>	mm	.....
Minimum platform height	<b>PF H. min.</b>	mm	.....
Adjustment range	<b>V</b>	mm	.....

## Travelling mechanism:

Steering rollers		ea.	4
Steering rollers	<b>Rd</b>	diam.	.....
Travelling beam	<b>B</b>	mm	.....
Arrestor		ea.	4
Arresting spindle		ea.	4
Ballast weight		kg	.....

## Other dimensions and constructions to order.

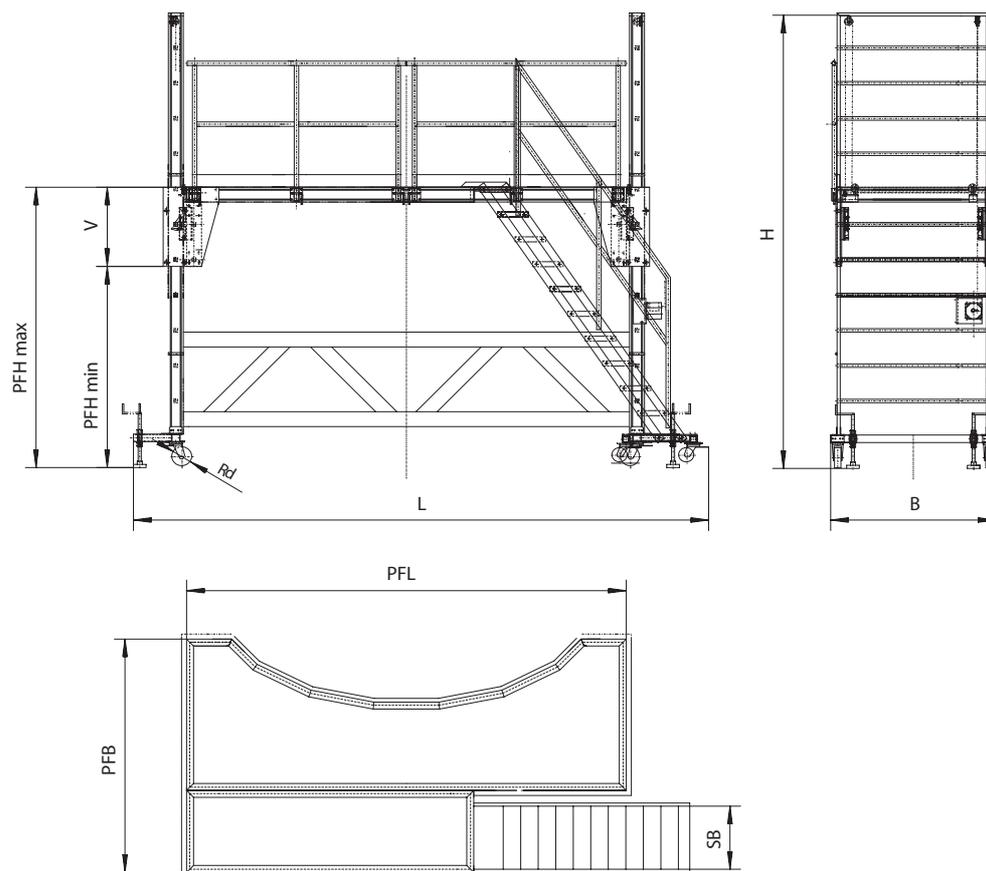
### Working platform

**Type 2:** height-adjustable with windlass,  
four steering rollers,  
with undercarriage struts,  
with one windlass



04/16854

## Technical data



## Type 2: Wheeled working platform, height-adjustable, with undercarriage struts

## Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Clear width	<b>LW</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....

## Height adjustment:

Rope winch		kg	300
Quantity		ea.	1

## Adjustment range:

Maximum platform height	<b>PF H. max.</b>	mm	.....
Minimum platform height	<b>PF H. min.</b>	mm	.....
Adjustment range	<b>V</b>	mm	.....

## Travelling mechanism:

Steering rollers		ea.	4
Steering rollers	<b>Rd</b>	diam.	.....
Travelling beam	<b>B</b>	mm	.....
Arrestor		ea.	4
Arresting spindle		ea.	4
Ballast weight		kg	50

## Other dimensions and constructions to order.

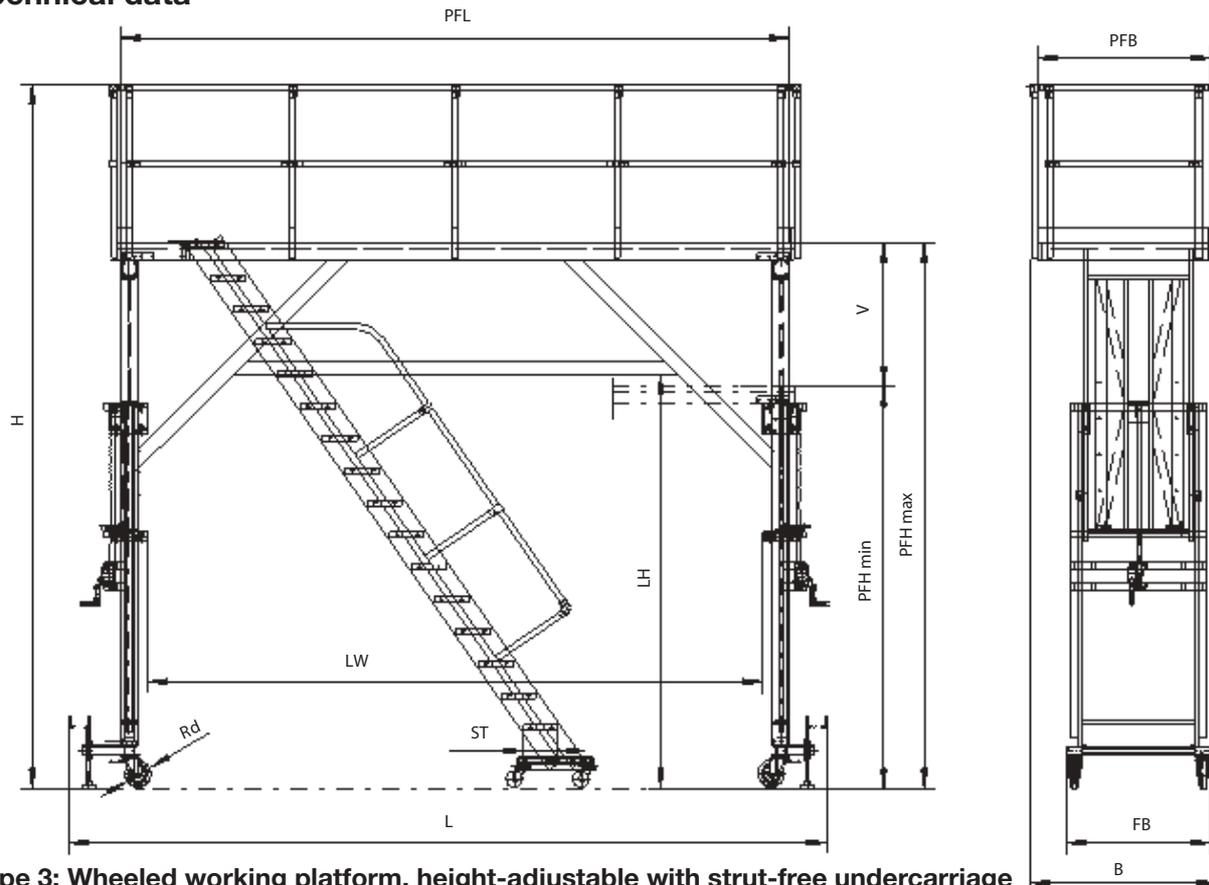
### Working platform

**Type 3:** height-adjustable with rack winch,  
four steering rollers,  
with ascent stairs,  
with two rack winches



04/16854

## Technical data



Type 3: Wheeled working platform, height-adjustable with strut-free undercarriage

**Overall dimensions:**

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Clear width	<b>LW</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	325

**Height adjustment:**

Rack winch		kg	.....
Quantity		ea.	.....

**Adjustment range:**

Maximum platform height	<b>PF H. max.</b>	mm	.....
Minimum platform height	<b>PF H. min.</b>	mm	.....
Adjustment range	<b>V</b>	mm	.....

**Travelling mechanism:**

Steering rollers		ea.	4
Steering rollers	<b>Rd</b>	diam.	.....
Travelling beam	<b>B</b>	mm	.....
Arrestor		ea.	4
Arresting spindle		ea.	4
Ballast weight		kg	.....

**Other dimensions and constructions to order.**

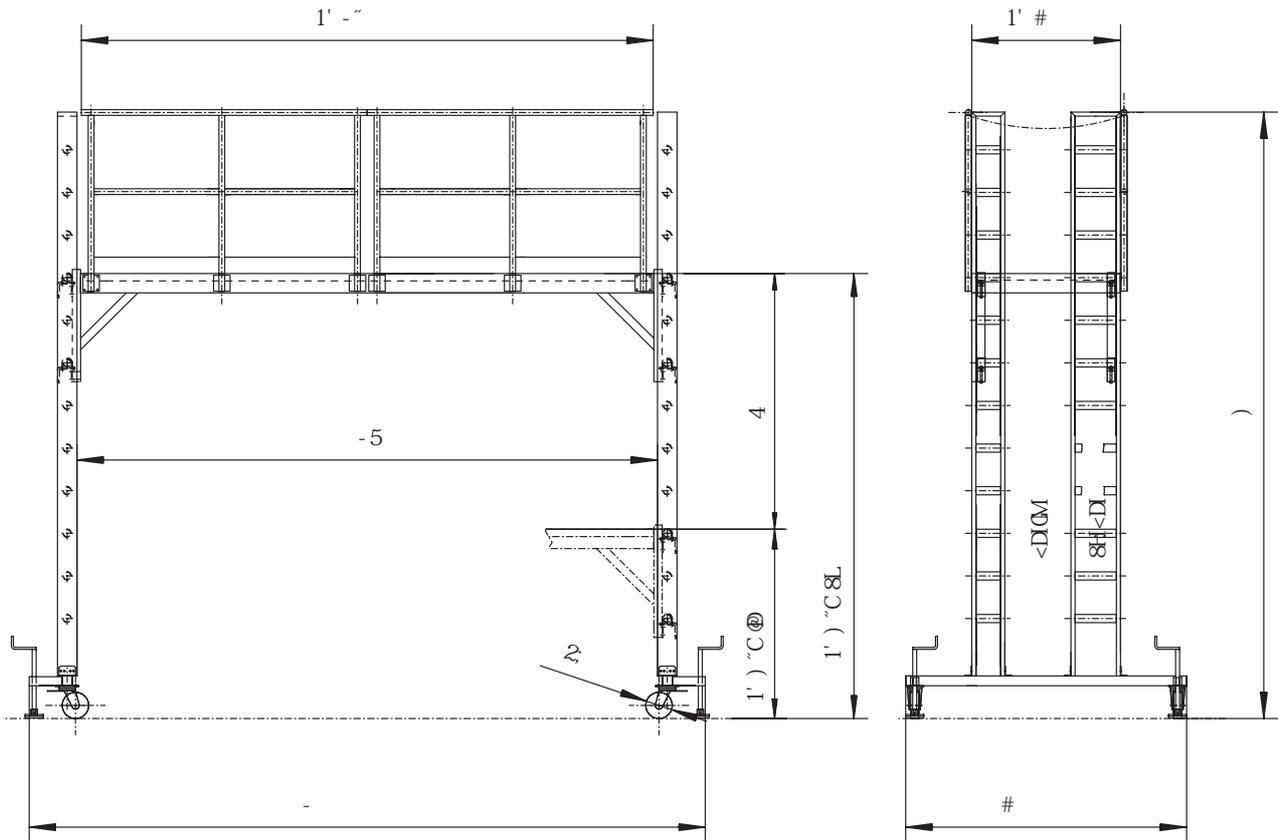
### Working platform

**Type 4:** manual height adjustment,  
four steering rollers,  
with strut-free undercarriage,  
with hang-in bracket



4.00.7929

## Technical data



Type 4: Wheeled working platform, height-adjustable, with strut free undercarriage

**Overall dimensions:**

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Clear width	<b>LW</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....

**Height adjustment:**

Permissible load		ea.	4
Manual adjustment			

**Adjustment range:**

Maximum platform height	<b>PF H. max.</b>	mm	.....
Minimum platform height	<b>PF H. min.</b>	mm	.....
Adjustment range	<b>V</b>	mm	.....

**Travelling mechanism:**

Steering rollers		ea.	4
Steering rollers	<b>Rd</b>	diam.	.....
Travelling beam	<b>B</b>	mm	.....
Arrestor		ea.	4
Arresting spindle		ea.	4
Ballast weight		kg	.....

Other dimensions and constructions to order.

## Other working platforms



3.96.4562P2



8.03.8176



04/15309



01.19719

# Power operated working platforms

– electrically adjustable – electro-hydraulically adjustable – pneumatically adjustable



Günzburger Steigtechnik GmbH offers various types of electrically or pneumatically adjustable working platforms. The platforms are built for the mobile as well as stationary use. But, other customised requirements can be met as well. All platforms are subjected to an inspection by the German Technical Control Board.

## – electrically adjustable, electro-hydraulically adjustable

The respective control cabinets or operating panels are attached to the platform or the base frame of the construction as required by the customer. Various functions, such as up and down movement or in and out movement of the platforms can be controlled by operating panels by means of control lamps. The various travels are limited by mechanical limit switches. In order to ensure a gap-free cross-over between platform and vehicle, safety contact rails have been attached to the front side of the platforms, which prevent the vehicles from being damaged and immediately interrupt the movement process when contact is made to the vehicle. Additional warning and control lamps (such as clear signal for locomotive incoming travel) can be fitted to the constructions as required by the customers. The power supply can be provided for stationary as well as for mobile working platforms

## – pneumatically adjustable

The respective control cabinets or operating panels are attached to the platform or the base frame of the construction as required by the customer. Various functions, such as up and down movement or in and out movement of the platforms can be controlled by operating panels by means of control lamps. The various travels are limited by cylinder lift and mechanical stops. In order to ensure a gap-free cross-over between platform and vehicle, plastic rails have been attached to the front side of the platforms,

### Caution !

As a standard feature, the platform covers on our working platforms are fitted with grooved, non-slip aluminium press profiles. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. In order to increase the standing safety, a ballast weight can be attached in addition. A permanent or pluggable railing can be provided as required by the customer.

## Intended use

- ǒ **The working platforms have been designed for installation, servicing and monitoring work.**
- ǒ The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ǒ The working platform may be used, serviced or repaired by expert staff only who are familiar with the work and have been instructed about the hazards. Unauthorised modifications on the working platform shall void the liability of the manufacturer for any resulting damage.
- ǒ When changing the location, travel slowly to prevent a crash.
- ǒ The presence of persons on the working platform is impermissible whilst it is being moved.
- ǒ The bridging of the working platform with planks et cetera is impermissible.
- ǒ It is forbidden to increase the platform height by using ladder, crates or other devices.
- ǒ If the working platform is used at or on traffic routes, it has to be secured adequately.
- ǒ Use the working platform only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.
- ǒ Please make sure that the working platform is set up statically stable on firm ground.

### Working platforms – power operated

- electrically height-adjustable
- transverse platform electrically adjustable
- signal lamps on both front sides
- control by means of central control panel
- with travelling mechanism



04/03842



contact rail



signal lamps



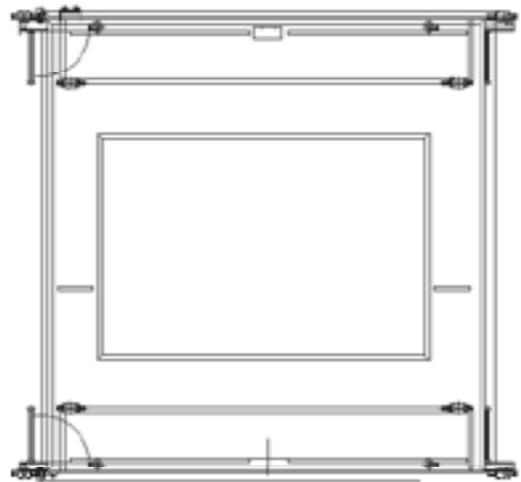
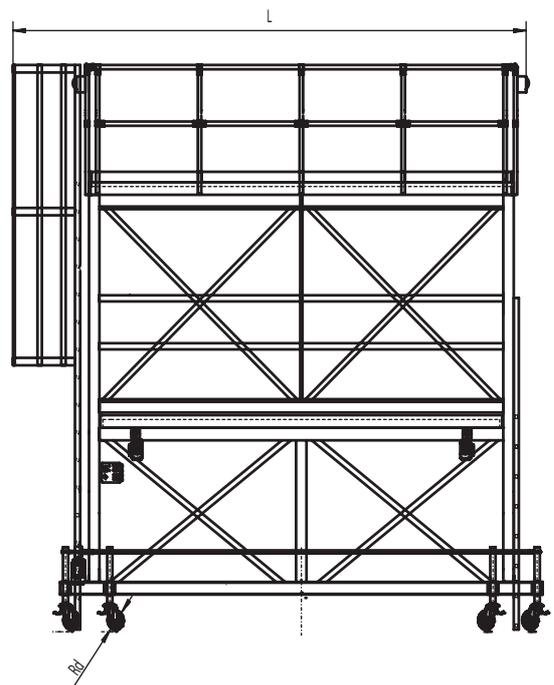
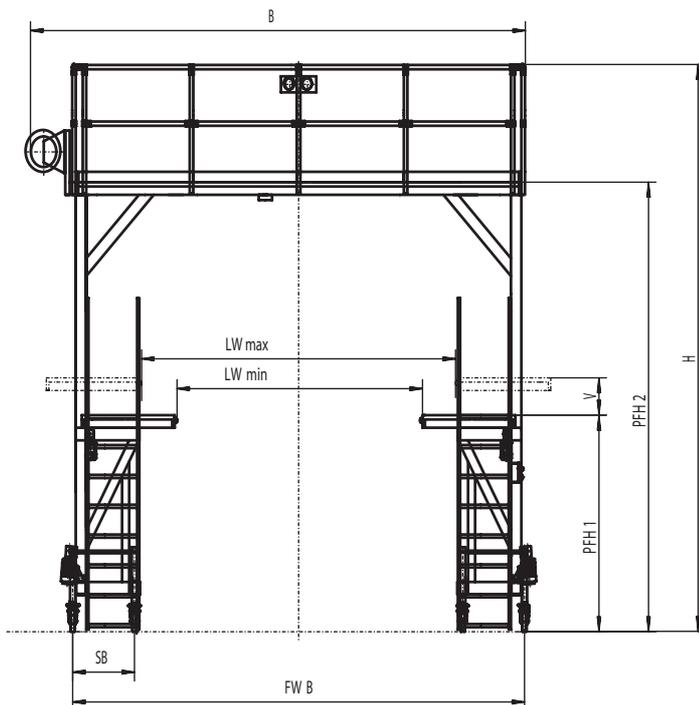
roof cutout



central control panel

# Special Solutions

## Technical data



## Technical data

**Wheeled working platform, electrically height-adjustable, with lateral transverse platforms**  
**Serial number: 04/3842-001**

### Overall dimensions:

Platform length	<b>PF L</b>	mm	4800
Platform width	<b>PF B</b>	mm	5036
Overall height	<b>H</b>	mm	5500
Overall length	<b>L</b>	mm	5450
Overall width	<b>B</b>	mm	5200
Clear width	<b>LW</b>	mm	3550
Useful load		kg	300 per side
Permissible load		kg/sqm	150
Weight		approx. kg	1250
Platform cover			grooved aluminium

### Height adjustment of upper platform:

Three-phase motors		V	380-420 / 50 Hz
Motor output		KW	0.75 KW
Rated current (at 400V)		A	2.1
Motor speed		1/min	1350
Type of protection		IP	54
Control voltage			24V DC
Braking torque		Nm	8
Adjustment speed		m/min	0.25

### Transverse adjustment of lateral slide

Three-phase motors		V	380-420 / 50 Hz
Motor output		KW	0.18 KW
Rated current (at 400V)		A	0.65
Motor speed		1/min	1330
Type of protection		IP	55
Adjustment speed		m/min	0.33

### Adjustment range of upper platform:

Maximum platform height	<b>PF H. max.</b>	mm	4400
Minimum platform height	<b>PF H. min.</b>	mm	4100
Adjustment range	<b>V</b>	mm	300

### Adjustment range of lateral slide:

Maximum clear width	<b>LW max.</b>	mm	3550
Minimum clear width	<b>LW min.</b>	mm	2750
Adjustment range.	<b>V</b>	mm	800

### Travelling mechanism:

Steering rollers		ea.	8
Round steering rollers	Rd	diam.	200
Arrestor		ea.	8
Direction arrestor		ea.	4

### Operating conditions:

Temperature		deg. Celsius	-10 deg. to 40 deg.
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**Other dimensions and constructions to order.**

## Special Solutions

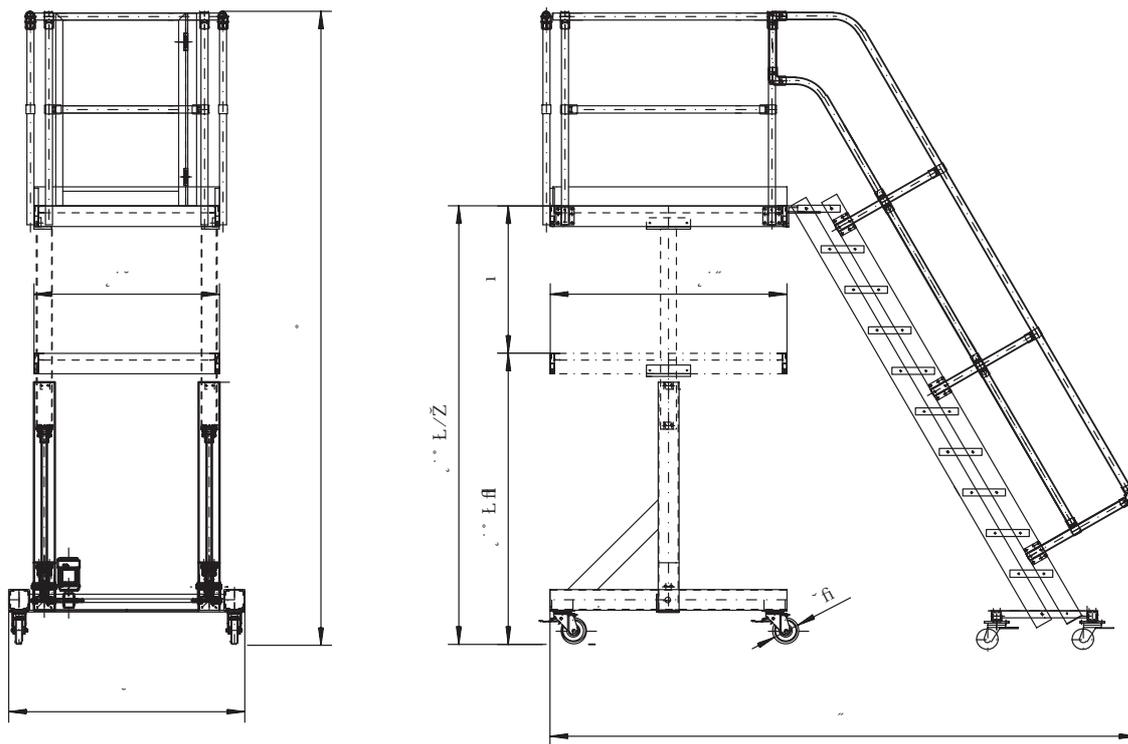
### Working platforms – power operated

- electrically height-adjustable
- control by means of central control panel
- with travelling mechanism
- ascent by variable stairs



2006.6002

Technical data



**Wheeled working platform, electrically height-adjustable, ascent by variable stairs**  
**Serial number: 2006.6002-10**

**Overall dimensions:**

Platform length	<b>PF L</b>	mm	1260
Platform width	<b>PF B</b>	mm	1050
Overall height	<b>H</b>	mm	3600
Overall width	<b>B</b>	mm	1280
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		approx. kg	280
Platform cover			grooved aluminium

**Height adjustment of working platform:**

Three-phase motors	V	380-420 / 50 Hz
Motor output	KW	0.37 KW
Rated current (at 400V)	A	2.1
Motor speed	1/min	1380
Type of protection	IP	55
Control voltage		24V DC
Braking torque	Nm	8
Adjustment speed	m/min	0.9

**Adjustment range of working platform:**

Maximum platform height	<b>PF H. max.</b>	mm	2500
Minimum platform height	<b>PF H. min.</b>	mm	1650
Adjustment range	<b>V</b>	mm	850

**Travelling mechanism:**

Steering rollers		ea.	4
Round steering rollers	<b>Rd</b>	diam.	150

**Stairs:**

Width of steps		mm	800
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Other dimensions and constructions to order.

## Special Solutions

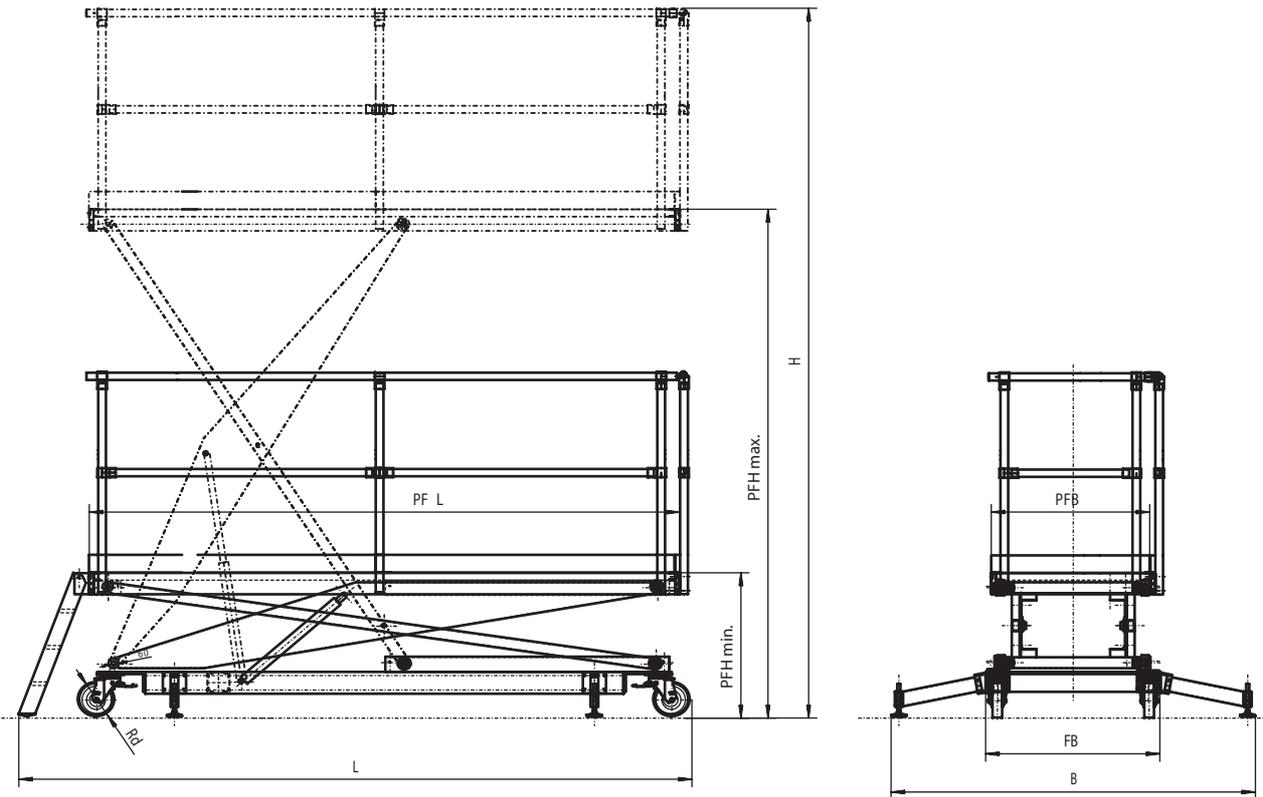
### Working platforms – power operated

- electro-hydraulically height-adjustable
- control by means of central control panel
- with travelling mechanism
- ascent by vertical ladder



2005.6001-001

Technical data



**Wheeled working platform, electro-hydraulically height-adjustable**  
**Serial number: 2005.6001-001**

**Overall dimensions:**

Platform length	<b>PF L</b>	mm	3060
Platform width	<b>PF B</b>	mm	1050
Overall height	<b>H</b>	mm	3900
Overall length	<b>L</b>	mm	3200
Overall width	<b>B</b>	mm	1850
Useful load		kg	250
Permissible load		kg/sqm	150
Weight		approx. kg	400
Platform cover			grooved aluminium

**Height adjustment of working platform:**

Three-phase motors	V	380-420 / 50 Hz
Motor output	KW	0.55 KW
Rated current (at 400V)	A	2.1
Motor speed	1/min	1500
Type of protection	IP	55
Control voltage		24V DC
Maximum adjustment speed	m/min	4

**Adjustment range of working platform:**

Maximum platform height	<b>PF H. max.</b>	mm	2800
Minimum platform height	<b>PF H. min.</b>	mm	800
Adjustment range	<b>V</b>	mm	2000

**Travelling mechanism:**

Steering rollers		ea.	4
Round steering rollers	<b>Rd</b>	diam.	200
Arrestor		ea.	4
Width of travelling mechanism	<b>FB</b>		1050

**Other dimensions and constructions to order.**

## Special Solutions

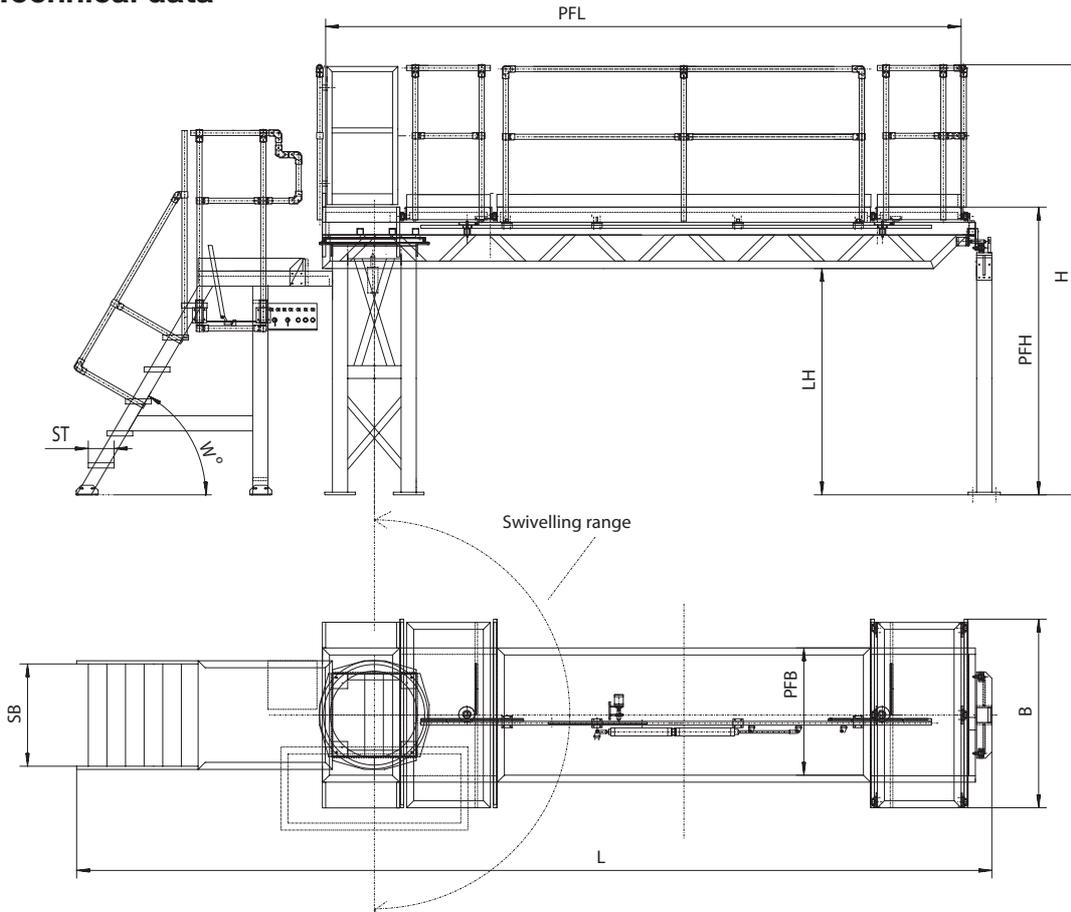
### Working platforms – power operated

- swivellable 2 x 90 deg.
- pneumatically adjustable transverse platform
- control by means of central control panel
- ascent by stairs



04/20058

Technical data



**Slewing platform, pneumatically adjustable with additional platforms**  
**Serial number: 04/20058-001**

**Overall dimensions:**

Platform length	<b>PF L</b>	mm	4950	Ascent stairs			
Platform width	<b>PF B</b>	mm	1050	Width of steps	<b>SB</b>	mm	800
Platform height (upper edge)	<b>PFH</b>	mm	2250	Depth of step	<b>ST</b>	mm	200
Clear width	<b>LH</b>	mm	1770	Inclination	<b>W</b>		60°
Overall height	<b>H</b>	mm	3350	Useful load		kg	250
Overall length	<b>L</b>	mm	7100	Permissible load		kg/sqm	150
Overall width	<b>B</b>	mm	1450	Weight		approx. kg	850
				Platform cover			grooved aluminium

**Swivel adjustment of platform:**

Manual adjustment  
 Locking of the slewing unit with pneumatic cylinder

**Transverse adjustment of slide**

Pneumatic cylinder HUB 350/350  
 Locking by means of pneumatic cylinder

**Adjustment range of transverse platform:**

Left platform height		mm	700
Right platform height		mm	700
Adjustment range	<b>V</b>	mm	1400

**Operating conditions:**

Temperature	deg. Celsius	0 deg. to 40 deg.
Pneumatic pressure supply		12 bar
Recommended working pressure	4-6 bar	
Quality of compressed air	<b>unoiled,</b>	residue-free in keeping with ISO 8573-1 / class 4

**Other dimensions and constructions to order.**

## Other power operated working platforms



422741



2006.6003



422741



2005.6000

# Fuel truck ladders



Günzburger Steigtechnik GmbH offers various standard versions. But, other customised requirements can be met as well.

## **Type 1: Height-adjustable, four steering rollers, windlass, with safety cage, platform and adjustment spindles**

By means of windlasses the platform height can be adjusted in section of 280 mm. The integrated fall-hooks permit a safe platform cover. The safety cage fitted to the upper part of the ladder permits safe work on the fuel trucks. The travelling mechanism consists of four equally large steering rollers with arrestor brake. In order to set up the fuel truck ladder at a right angle, four adjustment spindles have been fitted.

## **Type 2: Height-adjustable, two steering rollers, two castors, windlass, with safety guard and platform**

By means of windlasses the platform height can be adjusted in section of 280 mm. The integrated fall-hooks permit a safe platform cover. The safety cage fitted to the upper part of the ladder permits safe work on the fuel trucks. The travelling mechanism consists of two steering rollers with arrestor brake and two castors.

## **Type 3: Height-adjustable, travelling mechanism according to the wheel-barrow principle, windlass, safety cage and platform**

By means of windlasses the platform height can be adjusted in section of 280 mm. The integrated fall-hooks permit a safe platform cover. The safety cage fitted to the upper part of the ladder permits safe work on the fuel trucks. The travelling mechanism according to the wheel-barrow principle consists of two steering rollers.

## **Type 4: Rigid ladder section, travelling mechanism according to the wheel-barrow principle, with safety cage**

The ladder height cannot be adjusted. The safety cage fitted to the upper part of the ladder permits safe work on the fuel trucks. The travelling mechanism according to the wheel-barrow principle consists of two steering rollers.

## **Type 5: Height-adjustable, three part, two steering rollers, two castors, windlass, safety guard and platform**

By means of windlasses the platform height can be adjusted in section of 280 mm. The integrated fall-hooks permit a safe platform cover. A large adjustment range can be achieved by means of the three ladder parts. The safety cage fitted to the upper part of the ladder permits safe work on the fuel trucks. The travelling mechanism consists of two steering rollers with arrestor brake and two castors (travelling mechanism according to the wheel-barrow principle to order as well).

### **Caution !**

As a standard feature, the platform covers on our fuel truck ladders are fitted with grooved, non-slip aluminium press profiles. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. In order to increase the standing safety, a ballast weight can be attached in addition.

## Intended use

- ∅ **The fuel truck ladder has been designed for servicing and maintenance work during loading and unloading work and/or check-up work.**
- ∅ The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ∅ The fuel truck ladder may be used, serviced or repaired by expert staff only who are familiar with the work and have been instructed about the hazards. Unauthorised modifications on the fuel truck ladder shall void the liability of the manufacturer for any resulting damage.
- ∅ The presence of persons on the fuel truck ladder is impermissible whilst the ladder is being moved.
- ∅ The bridging of fuel truck ladder with planks et cetera is impermissible. It is forbidden to increase the platform height by using ladder, crates or other devices.

## Special Solutions

### Fuel truck ladder

**Type 2:** Height-adjustable

Two steering rollers, two castors

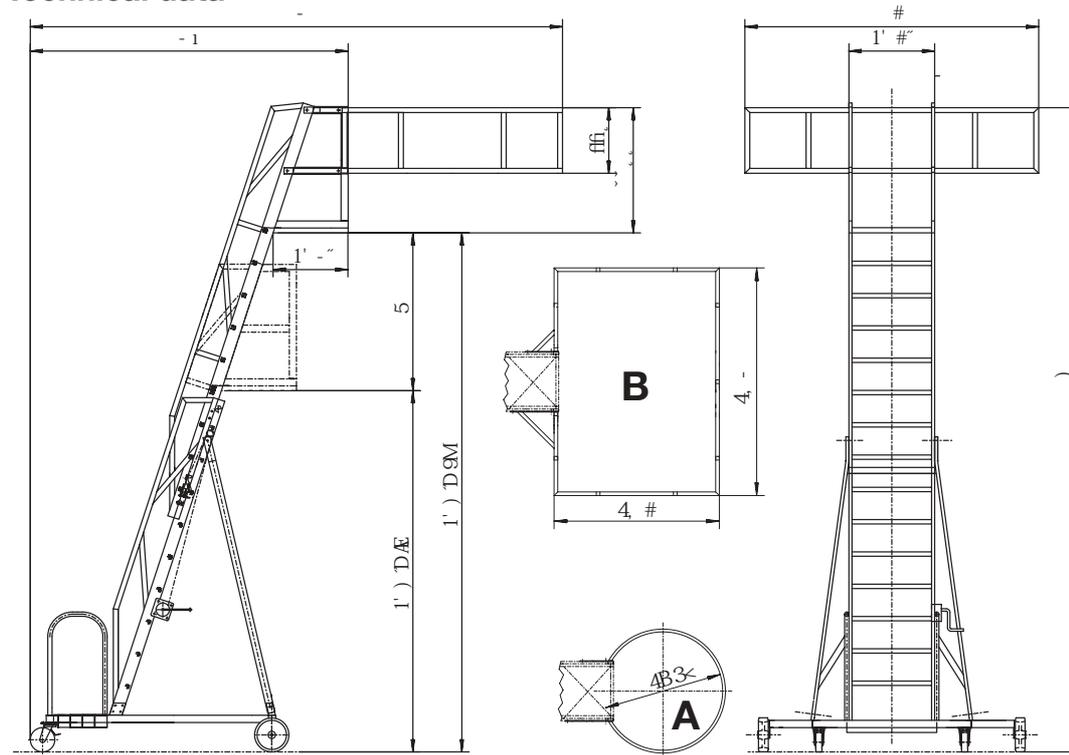
With windlass

With safety cage and platform



7.00.19331

Technical data



Type 2: Fuel truck ladder, wheeled, height-adjustable, with safety cage

Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Length without safety cage	<b>L2</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Useful load		kg	150
Permissible load		kg/sqm	150
Weight		kg	325

Height adjustment:

Windlass		kg	300
Quantity		ea.	1

Adjustment range:

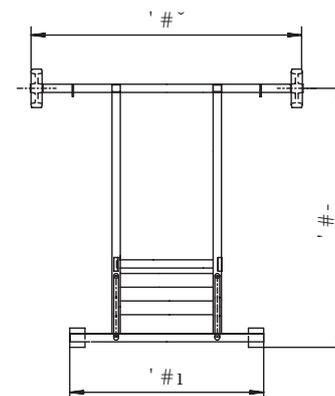
Platform height	<b>PF H. max.</b>	mm	.....
Platform height	<b>PF H. min.</b>	mm	.....
Adjustment range	<b>V</b>	mm	.....

Travelling mechanism:

Steering rollers diam. 160		ea.	2
Castors diam. 280		ea.	2
Track beam 1	<b>FB 1</b>	mm	.....
Track beam 2	<b>FB 2</b>	mm	.....
Length of travelling mechanism	<b>FB L</b>	mm	.....
Ballast weight		kg	.....

Safety cage:

Safety cage		<b>Type</b>	<b>A</b>
Length of the safety cage	<b>SK L</b>	mm	.....
Width of the safety cage	<b>SK B</b>	mm	.....
Safety cage diameter	<b>SK Rd</b>	mm	.....



Other dimensions and constructions to order.

## Special Solutions

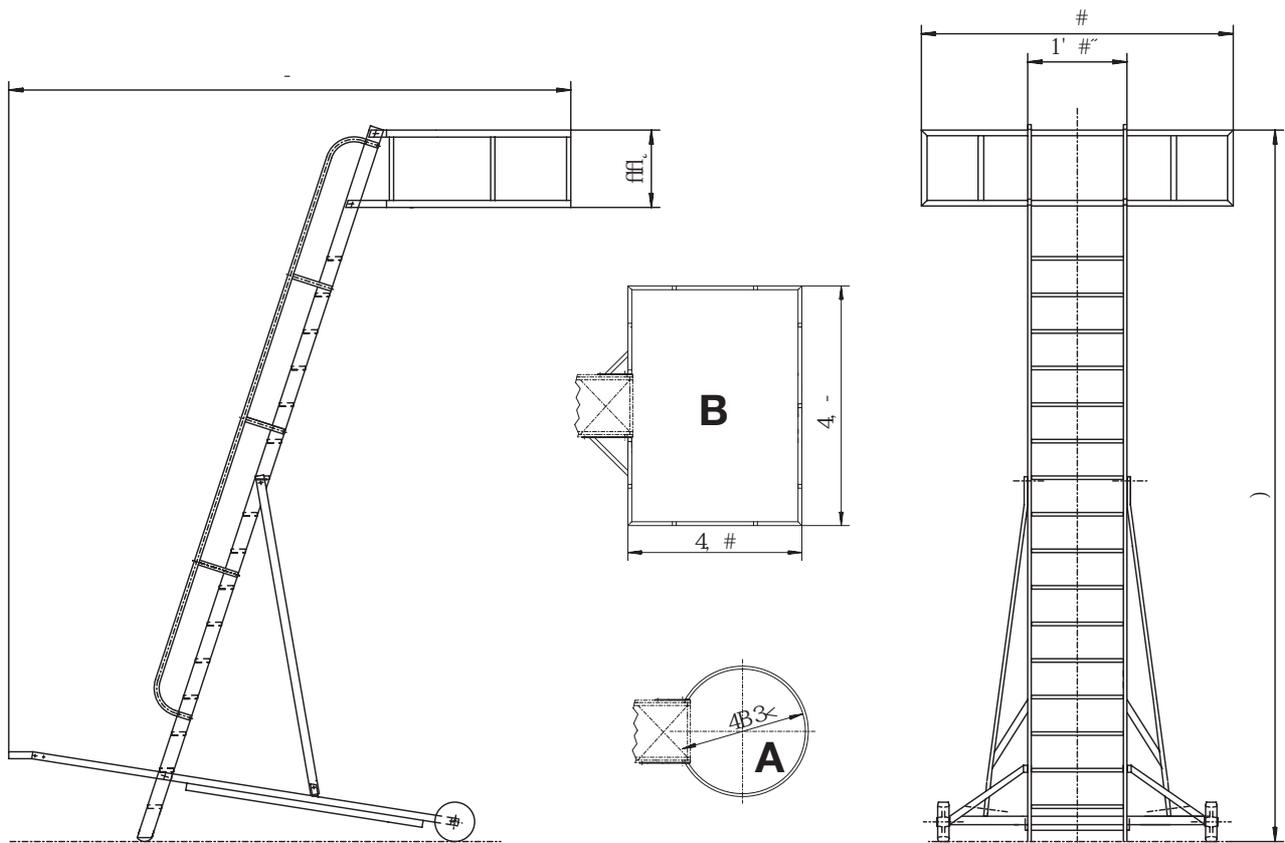
### Fuel truck ladder

**Type 4:** Rigid ladder section, travelling mechanism according to the wheel-barrow principle, with safety cage, without platform



3.98.8000

## Technical data



### Type 4: Fuel truck ladder, wheeled, with safety cage, without platform

#### Overall dimensions:

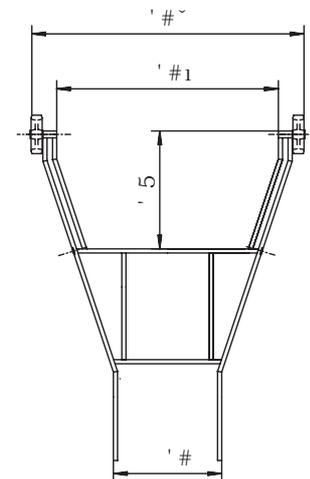
Ladder width	PF B	mm	.....
Overall height	H	mm	.....
Overall length	L	mm	.....
Overall width	B	mm	.....
Step depth		mm	100
Useful load		kg	150
Permissible load		kg/sqm	150
Weight		kg	325

#### Travelling mechanism:

Castors		ea.	2
Castors		diam.	280
Width of travelling mechanism 1	FB 1	mm	.....
Width of travelling mechanism 2	FB 2	mm	.....
Depth of the travelling mechanism	FT	mm	.....
Ballast weight		kg	.....

#### Safety cage:

Safety cage		Type	B
Length of the safety cage	SK L	mm	.....
Width of the safety cage	SK B	mm	.....
Safety cage diameter	SK Rd	mm	.....



Other dimensions and constructions to order.

## Special Solutions

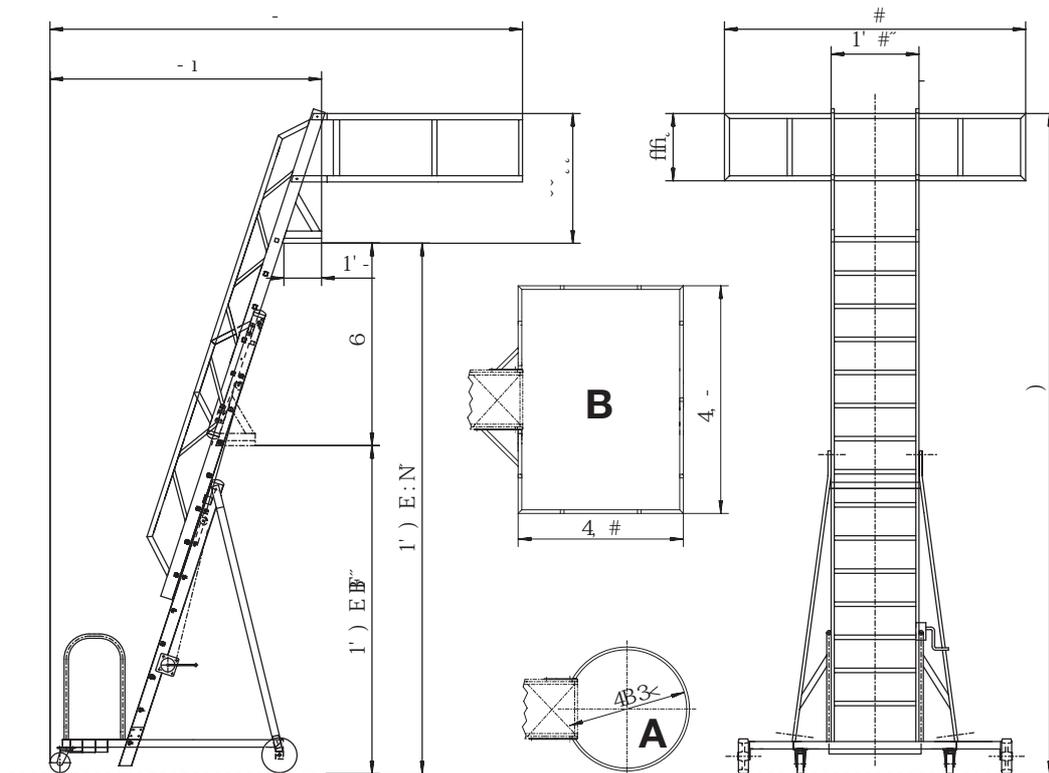
### Fuel truck ladder

**Type 5:** Height-adjustable, three part, two steering rollers, two castors, safety cage and platform with windlass



6.02.24313

## Technical data



**Type 5: Fuel truck ladder, wheeled, three part, height adjustable, with safety cage**

### Overall dimensions:

Platform length	PF L	mm	.....
Platform width	PF B	mm	.....
Overall height	H	mm	.....
Overall length	L	mm	.....
Length without safety cage	L2	mm	.....
Overall width	B	mm	.....
Useful load		kg	150
Load		kg/sqm	150
Weight		kg	325

### Height adjustment:

Windlass		kg	300
Quantity		ea.	1

### Adjustment range:

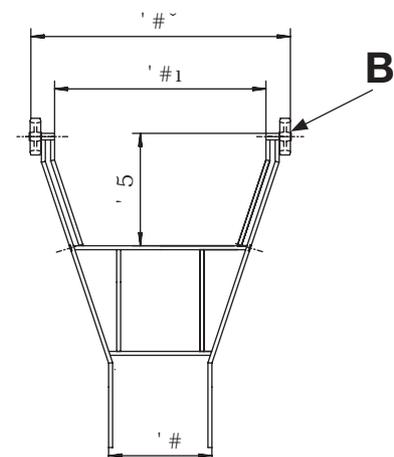
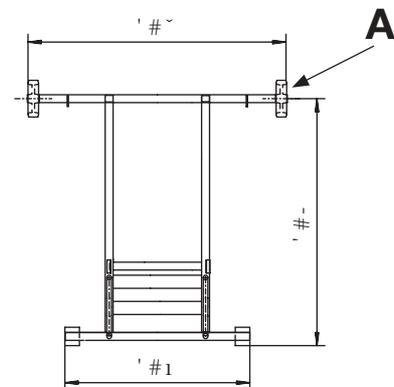
Platform height	PF H. max.	mm	.....
Platform height	PF H. min.	mm	....
Adjustment range	V	mm	.....

### Travelling mechanism:

Steering rollers		ea.	2
Castors		ea.	2
Track beam 1	FB 1	mm	.....
Track beam 2	FB 2	mm	.....
Length of travelling mechanism	FL	mm	.....
Depth of the travelling mechanism	FT	mm	.....
Ballast weight		kg	50

### Safety cage:

Safety cage		Type	A
Length of the safety cage	SK L	mm	.....
Width of the safety cage	SK B	mm	.....
Safety cage diameter	SK Rd	mm	.....

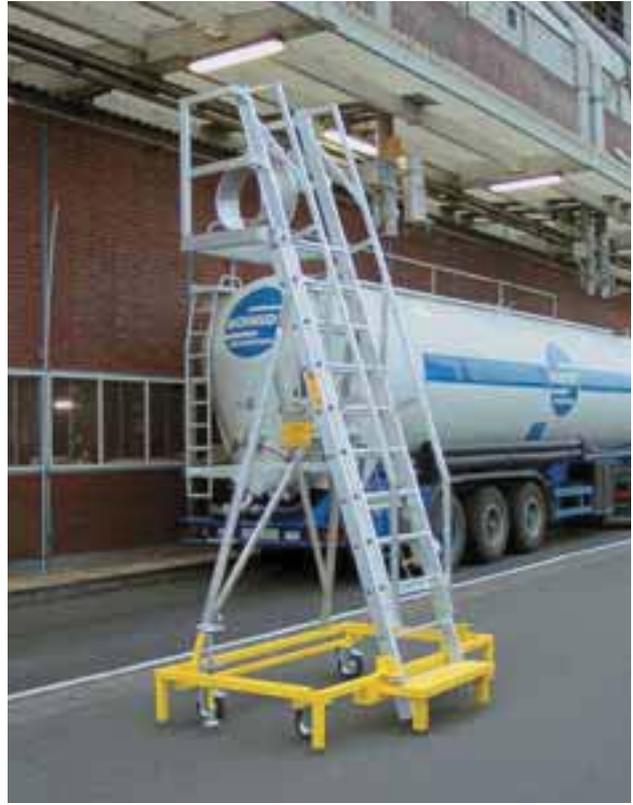


Other dimensions and constructions to order.

## Other fuel truck ladders



8.03.07957



10.01.4353



04.1084



411602

# Bridging steps



Günzburger Steigtechnik GmbH offers various types of bridging steps. But, other customised requirements can be met as well.

The standard cover consists of pressed aluminium profiles with a grooved non-slip surface. Upon request, these bridging steps can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. The stairs can be fitted to the front side of the platform as well as to the longitudinal side of the platform. Optionally, the bridging steps can be fastened to the ground by means of the fastening angles; the system can also be fitted with a travelling mechanism for mobile use. The railings, handrails as well as safety doors can be fitted as required by the customer.

## Intended use

- ð **The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.**
- ð Unauthorised modifications on the bridging steps shall void the liability of the manufacturer for any resulting damage.
- ð The presence of persons on the bridging steps is impermissible whilst the dock system is being moved.
- ð The bridging of bridging steps with planks et cetera is impermissible. It is forbidden to increase the platform height by using ladder, crates or other devices.
- ð Use the bridging steps only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.
- ð Please make sure that the bridging steps are set up statically stable on firm ground.
- ð The bridging steps may be used only, if the arrestors of the steering rollers have been applied.
- ð Do not produce any horizontal loads, which could cause the bridging steps to fall over.

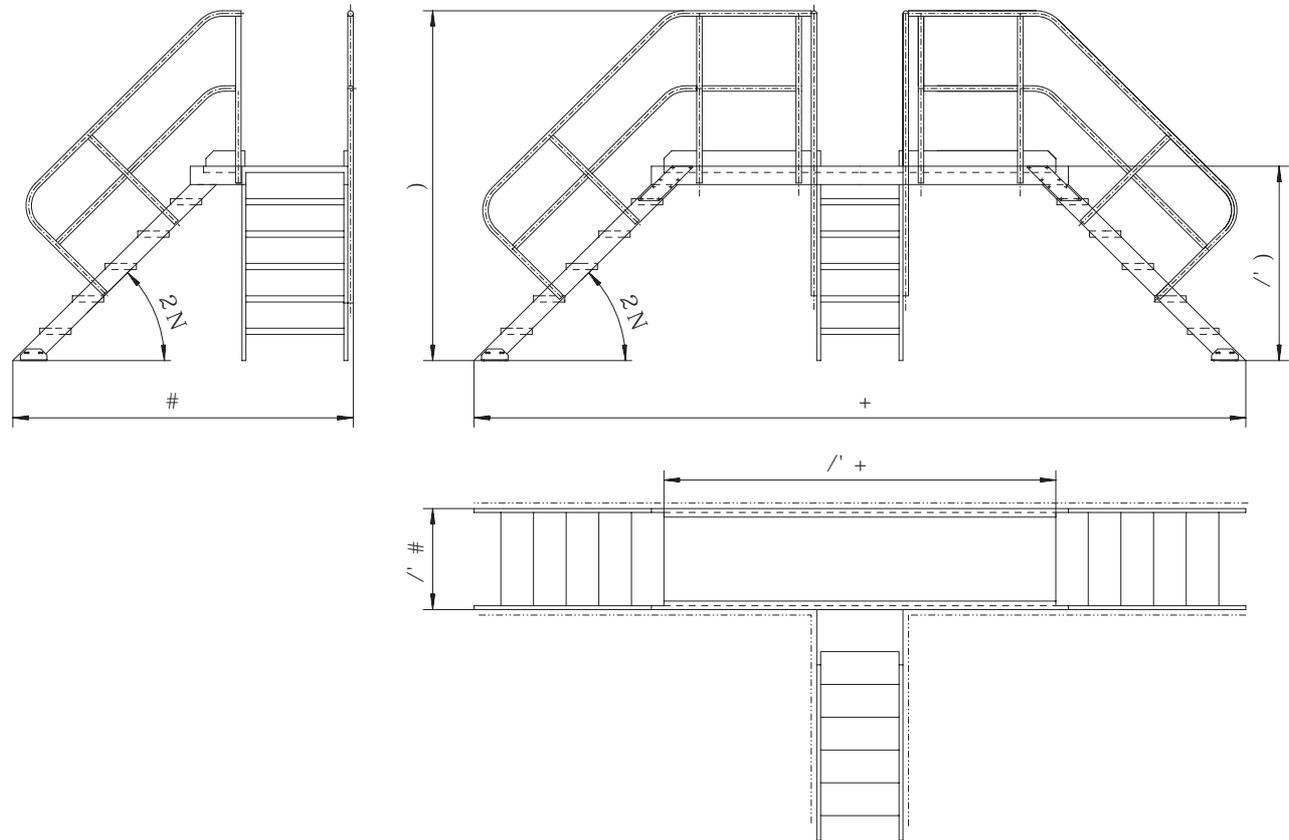
### Bridging steps

With additional ascents on the longitudinal sides,  
stationary,  
railings all around,  
handrail on both sides of the stairs



4.99.10447

## Technical data



### Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Platform height	<b>PF H</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Inclination of stairs	<b>W</b>	°	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover			grooved aluminium
Handrail			both sides
Travelling mechanism			No

Other dimensions and constructions to order.

## Other bridging steps



4.03.13270



4.01.20181

# Platform stairs



Günzburger Steigtechnik GmbH offers various types of platform stairs. But, other customised requirements can be met as well.

The standard cover consists of pressed aluminium profiles with a grooved non-slip surface. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. The stairs can be fitted to the front side of the platform as well as to the longitudinal side of the platform. Optionally, the platform stairs can be fastened to the ground by means of the fastening angles; the system can also be fitted with a travelling mechanism for mobile use. The railings, handrails as well as safety doors can be fitted as required by the customer, which may be permanently attached or pluggable. Protective plastic rails can be fitted to the abutting edges on the machine or vehicle side in order to protect it against damage.

5

## Intended use

- ǒ Preferably the platform stairs are mobile stairs with a platform which are intended for work at a higher level. For safe working, the platform has been provided with a railing (e.g. to be used for mounting, servicing or cleaning work).
- ǒ The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ǒ Unauthorised modifications on the platform stairs shall void the liability of the manufacturer for any resulting damage.
- ǒ The presence of persons on the platform stairs is impermissible whilst the ladder is being moved.
- ǒ The bridging of the platform stairs with planks et cetera is impermissible. It is forbidden to increase the platform height by using ladder, crates or other devices.
- ǒ Use the platform stairs only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.
- ǒ Please make sure that the platform stairs are set up statically stable on firm ground.
- ǒ The platform stairs may be used only, if the arrestors of the steering rollers have been applied.
- ǒ Do not produce any horizontal loads, which could cause the platform stairs to fall over.
- ǒ The ascent to the platform is permissible only by means of the stairs provided.

## Special Solutions

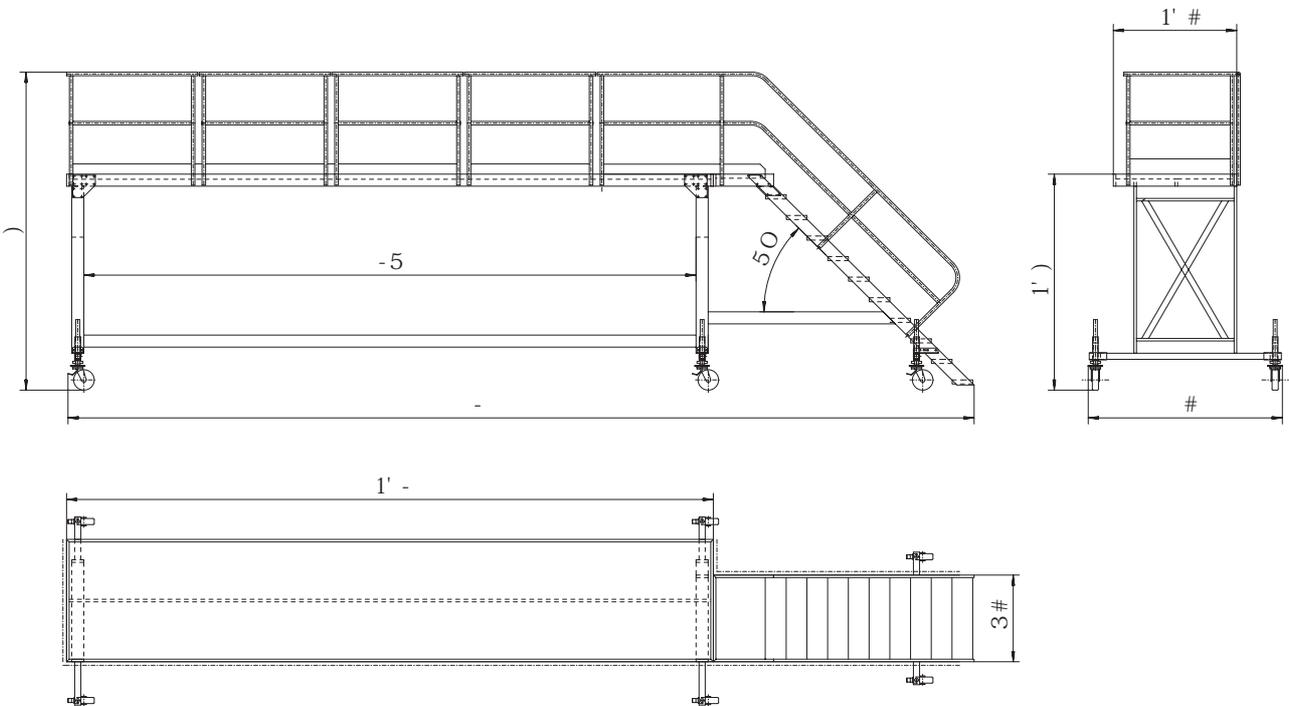
### Platform stairs

With ascent stairs on the front side,  
height-adjustable travelling mechanism,  
one-sided railing,  
handrail on both sides of the stairs



14.01.20909

## Technical data



### Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Platform height	<b>PF H</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Inclination of stairs	<b>W</b>	°	.....
Width of stairs	<b>TB</b>	mm	.....
Clear width	<b>LW</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover		grooved aluminium	
Handrail		both sides	
Travelling mechanism height adjustable		six steering rollers	

Other dimensions and constructions to order.

## Special Solutions

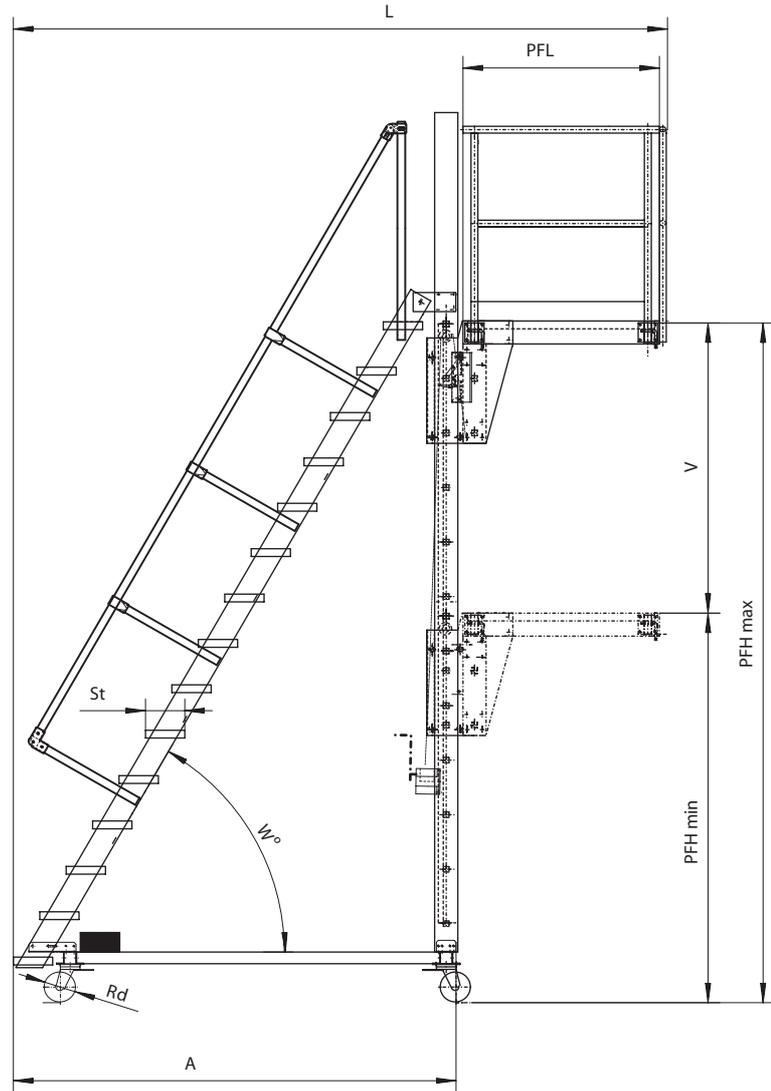
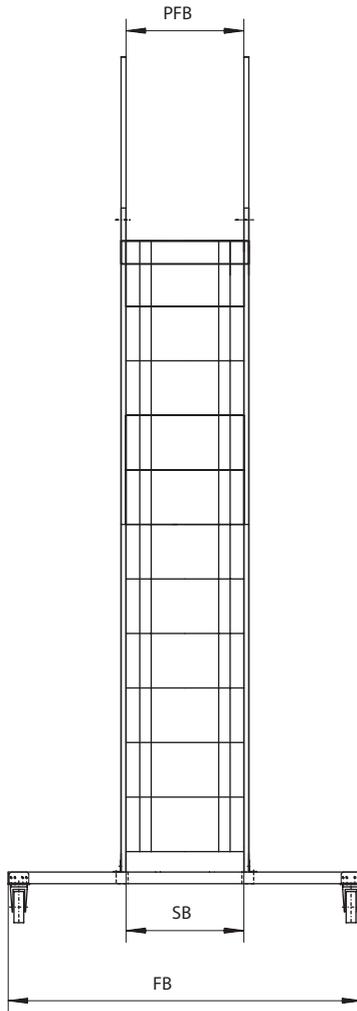
### Platform stairs with safety cage

With four steering rollers,  
height adjustment with windlass,  
railings all around,  
handrail on both sides of the stairs



407518

## Technical data



### Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Platform height	<b>PF max</b>	mm	.....
Platform height	<b>PF min</b>	mm	.....
Adjustment range	<b>V</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Inclination of stairs	<b>W</b>	°	.....
Width of stairs	<b>SB</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover			grooved aluminium
Handrail			both sides
Width of travelling mechanism	<b>FB</b>	mm	.....
Outreach	<b>A</b>	mm	.....
Ballast weight		kg	.....

Other dimensions and constructions to order.

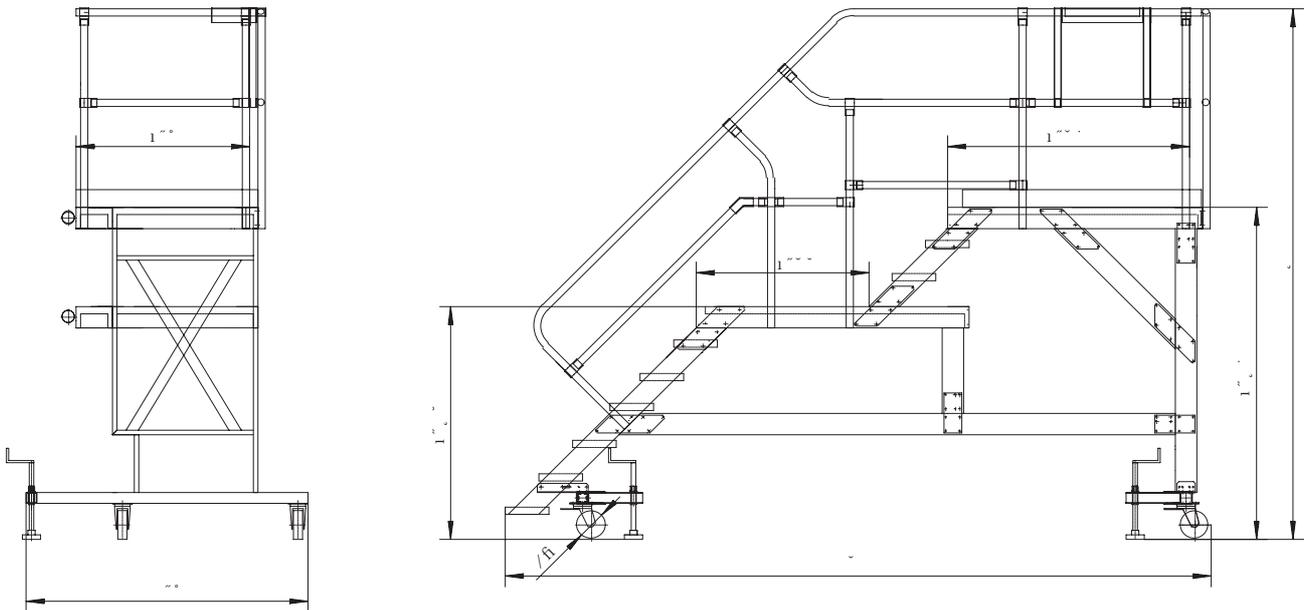
### Platform stairs

With ascent stairs on the front side,  
travelling mechanism projecting at the side,  
one-sided railing with tool tray,  
two working levels



04/12940

## Technical data



### Overall dimensions:

Platform length 1	<b>PF L1</b>	mm	.....
Platform length 2	<b>PF L2</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Platform height 1	<b>PF H1</b>	mm	.....
Platform height 2	<b>PF H2</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Inclination of stairs	<b>W</b>	°	.....
Width of steps	<b>SB</b>	mm	.....
Clear width	<b>LW</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover			grooved aluminium
Handrail			both sides
Travelling mechanism			six steering rollers

Other dimensions and constructions to order.

## Other platform stairs



04/25200



4.03.22222



02.24014



04/16854

# Stairs



Günzburger Steigtechnik GmbH offers various types of stairs. But, other customised requirements can be met as well.

The standard cover consists of pressed aluminium profiles with a grooved non-slip surface. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. In order to screw down the stairs, the lower and upper side-rails have been provided with screw-down angles. If no support surfaces or attachments are available in situ, it is imperative that two brackets are used for securing. The inclination of the stairs can be produced from 30 deg. to 60 deg. The railings, handrails as well as safety doors can be fitted as required by the customer. In case of height-adjustable working platforms, the use of our stairs with variable inclination is recommendable. In this construction, you will achieve the ideal inclination of the stairs at every working height. This construction can be provided with and without travelling mechanism. (cover profile – see pages 89 and 90).

6

## General information

- ø Stairs are produced in keeping with the following regulations: BGV D36, BGI 637, DIN 4569, DIN 24530, DIN 31003, EN ISO 14122.
- ø Side-rails made of solid aluminium screw channel profiles.
- ø Railing made of round aluminium tubes, diam. 40 mm, with system connectors, railing height 1,100 mm.
- ø Stair cover with non-slip surface, standard stair cover is grooved aluminium.
- ø Components can be linked by screw connections.
- ø Delivery by manufacturer in pre-mounted units including mounting instructions and manufacturer's declaration.

## Recommendation in keeping with European standard EN ISO 14122:

- ø For safety reasons, stairs with an inclination of 30 deg. to 45 deg. are preferred. It is only if the local conditions require that an inclination of 60 deg. should be chosen.

## Intended use

- ø **Stairs can be accessed from several levels.**
- ø The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ø Unauthorised modifications on the stairs shall void the liability of the manufacturer for any resulting damage.
- ø The bridging of stairs with planks et cetera is impermissible. It is forbidden to increase the platform height by using ladder, crates or other devices.
- ø Use the stairs only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.

## Special Solutions

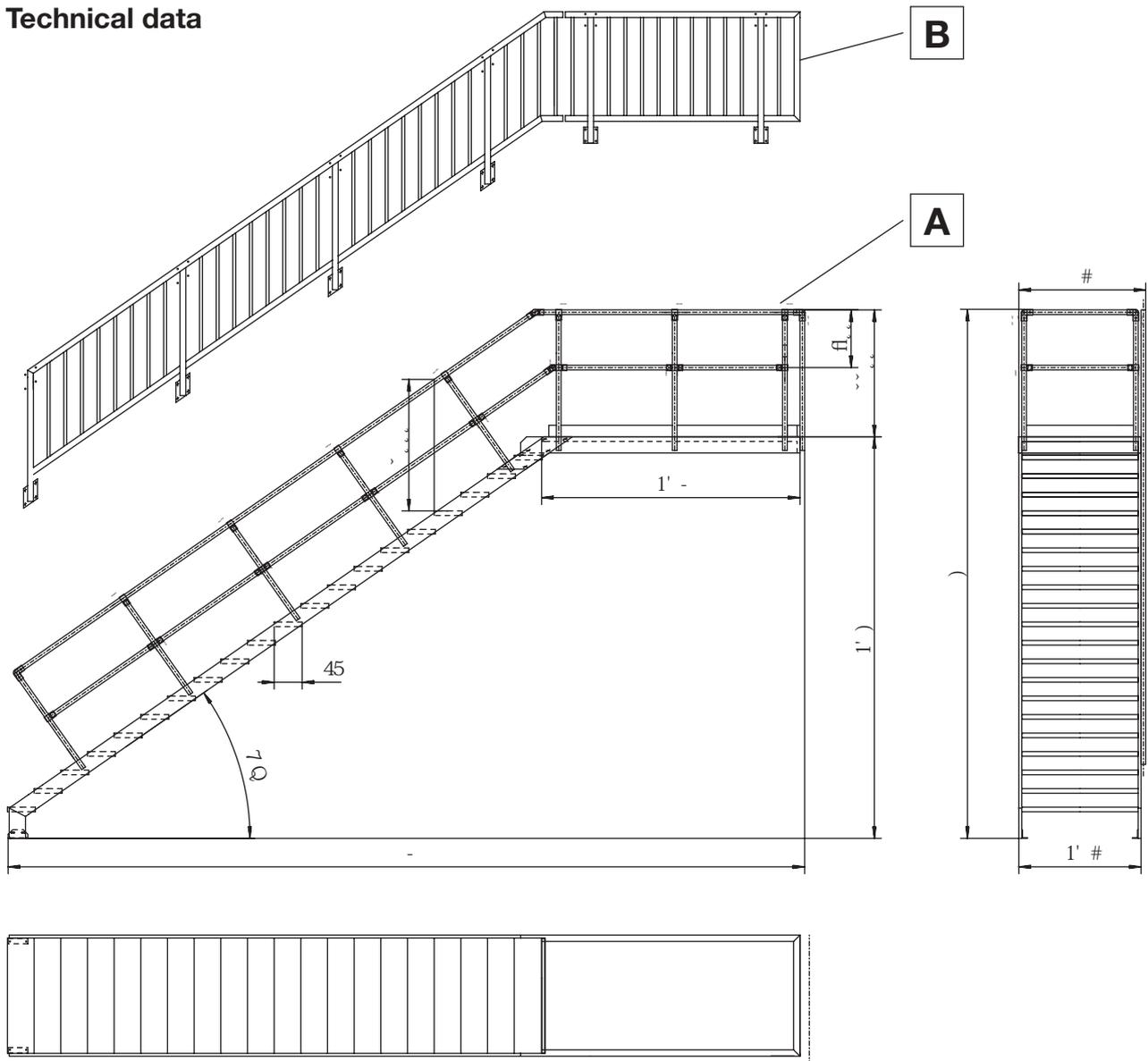
### Stairs in keeping with German standard DIN ISO 14122-3

Inclination 35 deg. with platform, railing with web member on one side, attachment to two brackets provided by the customer



4.00.17374

## Technical data



### Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Platform height	<b>PF H</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Inclination of stairs	<b>W</b>	°	.....
Depth of step	<b>ST</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover		grooved aluminium	
Handrail		on one side, face side	
Type of railing	<b>Type</b>	A	
	<b>Type</b>	B	

Other dimensions and constructions to order.

## Special Solutions

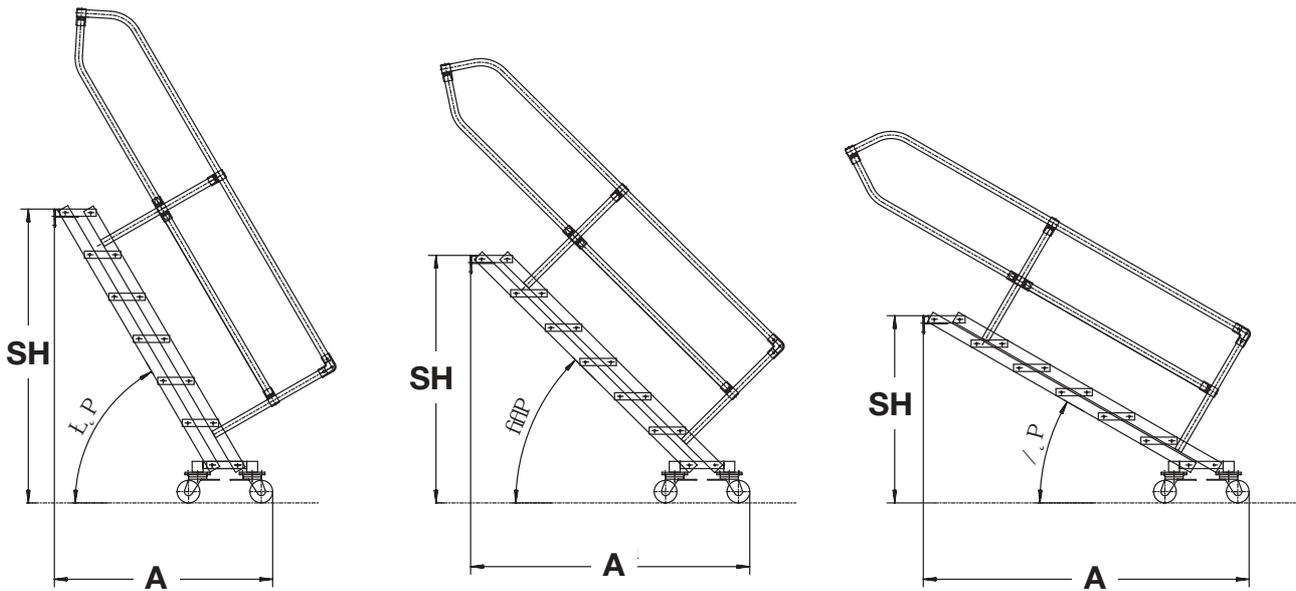
### Stairs with variable inclination

With travelling mechanism,  
railing plug-in on both sides,  
attachment to height-adjustable working platform



2006.6001

## Technical data



6

Depth of step 200 (seven steps with travelling mechanism shown)									
Inclination	60°		45°		30°		Cover		
Number of steps	SH	A	SH	A	SH	A	Grooved aluminium	Steel grating	Perforated aluminium sheet
3	696	661	610	773	499	858	X	X	X
4	983	796	801	963	633	1091	X	X	X
5	1162	930	991	1151	768	1324	X	X	X
6	1395	1065	1181	1343	902	1557	X	X	X
7	1628	1120	1371	1534	1037	1790	X	X	X
8	1861	1334	1561	1724	1172	2023	X	X	X
9	2094	1468	1752	1914	1306	2256	X	X	X
10	2327	1603	1942	2104	1440	2489	X	X	X
11	2560	1737	2294	2132	1575	2722	X	X	X
12	2792	1872	2322	2485	1710	2955	X	X	X

Given a depth of step of 240 mm, the adjustment range increases by approx. 25 per cent. Construction without travelling mechanism possible as well. Other heights upon request.

## Miscellaneous stairs



13.99.15312



20.8.15312



11.03.8175



# Slewing platforms



Günzburger Steigtechnik GmbH offers various types of slewing platforms. But, other customised requirements can be met as well.

The standard cover consists of pressed aluminium profiles with a grooved non-slip surface. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. The stairs can be fitted to the front side of the platform as well as to the longitudinal side of the platform. The slewing platforms is attached to the ground by means of mounting brackets. The railings, handrails as well as safety doors can be fitted as required by the customer. Protective plastic rails can be attached at the abutting edges.

## Intended use

- ð **The slewing platforms have been designed for work on production lines.**
- ð The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ð Unauthorised modifications on the slewing platform shall void the liability of the manufacturer for any resulting damage.
- ð The presence of persons on the slewing platform is impermissible whilst the ladder is being moved.
- ð The bridging of the slewing platform with planks et cetera is impermissible. It is forbidden to increase the platform height by using ladder, crates or other devices.
- ð Use the slewing platforms only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.
- ð Please make sure that the slewing platform is set up statically stable on firm ground.
- ð Do not produce any horizontal loads, which could cause the slewing platform to fall over.
- ð The ascent to the platform is permissible only by means of the vertical ladder or the stairs provided.

## Special Solutions

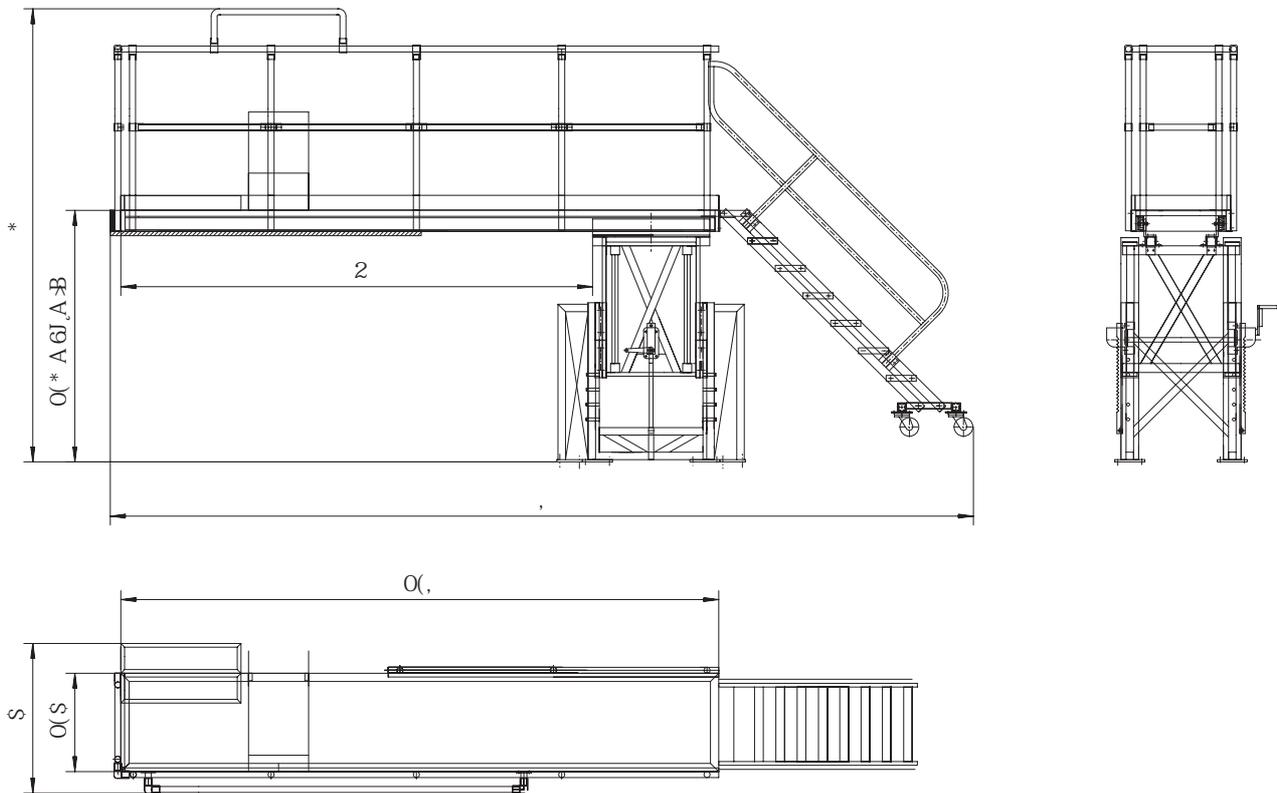
### Slewing platforms

Walkway adjustable in height and transverse direction, foldable additional platform on the platform, railings all around, handrail on both sides of the stairs, stairs with variable inclination



8.03.12300

## Technical data



### Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Platform height	<b>PF H max</b>	mm	.....
Platform height	<b>PF H min</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Adjustment range	<b>L</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover		grooved aluminium	
Handrail		both sides	

### Other dimensions and constructions to order.

## Miscellaneous slewing platforms



6.01.10282



8.03.12300

# Installation and maintenance platform



Günzburger Steigtechnik GmbH offers various types of installation and maintenance platforms. But, other customised requirements can be met as well.

The standard cover consists of pressed aluminium profiles with a grooved non-slip surface. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. The stairs can be fitted to the front side of the platform as well as to the longitudinal side of the platform. Optionally, the installation and maintenance platform can be fastened to the ground by means of the fastening angles; the system can also be fitted with a travelling mechanism for mobile use. The railings, handrails as well as safety doors can be fitted as required by the customer. Protective plastic rails can be fitted to the abutting edges on the machine side in order to protect it against damage. In order to carry out installation and maintenance work on the platform in an economical manner, power and compressed air connections can be fitted at a central location of the platform. Additional tool trays can be fitted as required by the customer.

## Intended use

- ǒ **The installation and maintenance platform has been designed for work on vehicles and machines.**
- ǒ The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ǒ Unauthorised modifications on the installation and maintenance platform shall void the liability of the manufacturer for any resulting damage.
- ǒ The presence of persons on the installation and maintenance platform is impermissible whilst the dock system is being moved.
- ǒ The bridging of the installation and maintenance platform with planks et cetera is impermissible. It is forbidden to increase the platform height by using ladder, crates or other devices.
- ǒ Use the installation and maintenance platform only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.
- ǒ Please make sure that the installation and maintenance platform is set up statically stable on firm ground.
- ǒ The installation and maintenance platform may be used only, if the arrestors of the steering rollers have been applied.
- ǒ Do not produce any horizontal loads, which could cause the installation and maintenance platform to fall over.
- ǒ The ascent to the platform is permissible only by means of the vertical ladder or the stairs provided.

## Special Solutions

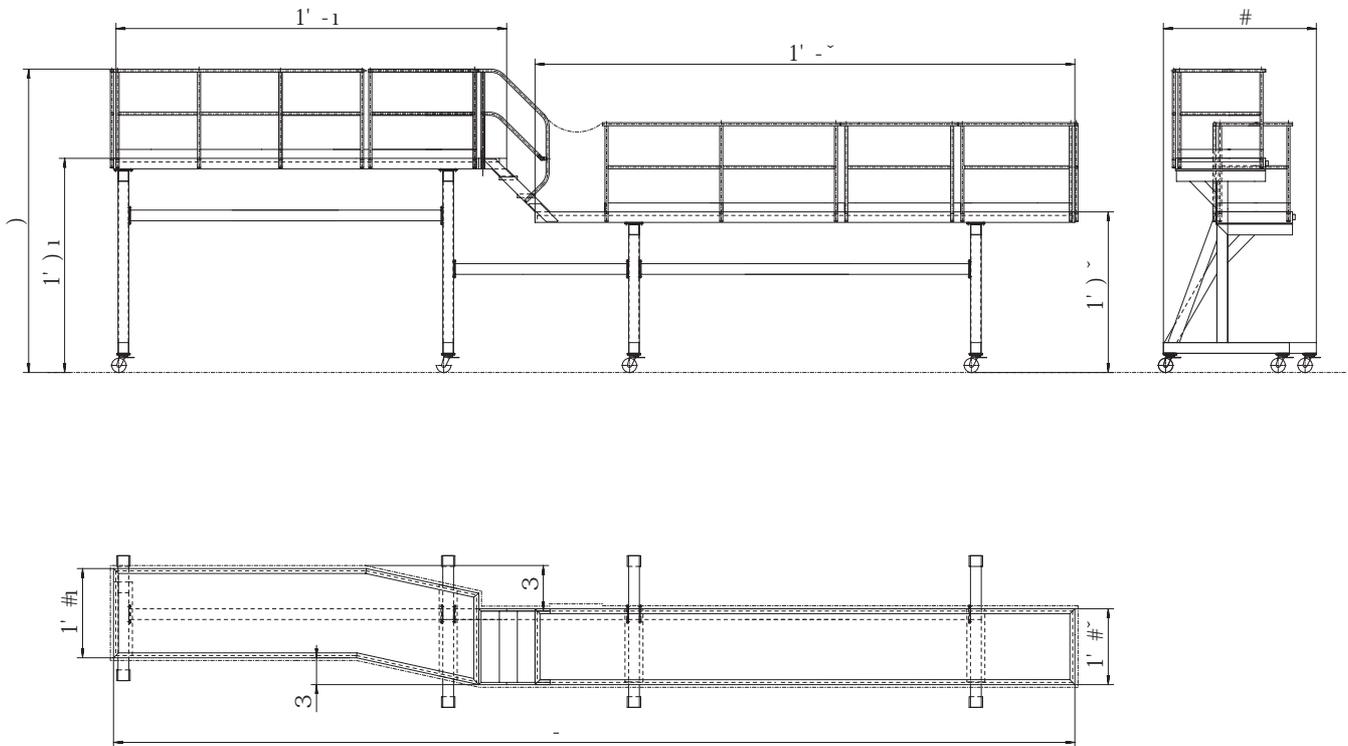
### Installation and maintenance platform

Different platform heights,  
with travelling mechanism,  
railing on the outsides,  
ascent by means of wheeled stairs



7.01.21083

## Technical data



### Overall dimensions:

Platform length 1	<b>PF L1</b>	mm	.....
Platform width 1	<b>PF B1</b>	mm	.....
Platform length 2	<b>PF L2</b>	mm	.....
Platform width 2	<b>PF B2</b>	mm	.....
Platform height 1	<b>PF H1</b>	mm	.....
Platform height 2	<b>PF H2</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Offset	<b>V</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover		grooved aluminium	
Handrail		on outer side	
Travelling mechanism		Yes	

Other dimensions and constructions to order.

## Special Solutions

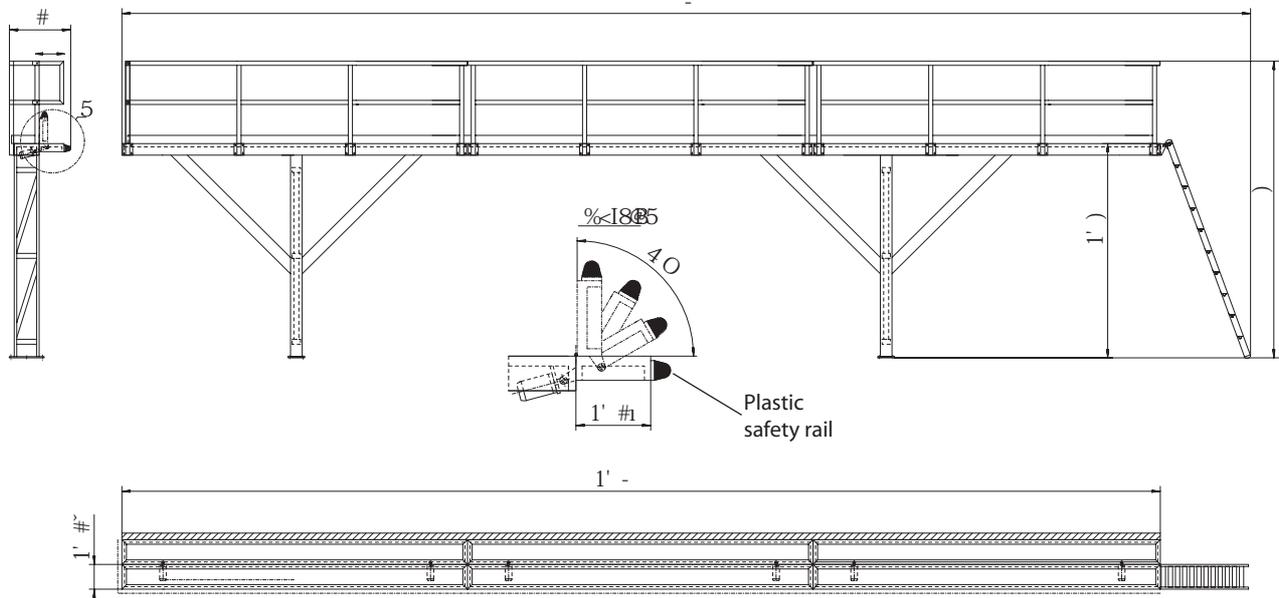
### Installation and maintenance platform

Platform with folding additional platform,  
railing on the outsides,  
ascent by step ladder



10.01.15949

## Technical data



### Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width 1	<b>PF B1</b>	mm	.....
Platform width 2	<b>PF B2</b>	mm	.....
Platform height	<b>PF H</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Swivelling range	<b>W</b>		.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover		grooved aluminium	
Geländer		on rear side	
Swivelling platform			

### Other dimensions and constructions to order.

## Miscellaneous installation and maintenance platforms



6.03.10289



04/15051



97.3123



3.03.19359



6.02.22191



8.01.23296

# Walkway systems



Günzburger Steigtechnik GmbH offers various types of walkway systems. But, other customised requirements can be met as well.

The standard cover consists of pressed aluminium profiles with a grooved non-slip surface. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. The stairs or ladders can be fitted to the front side of the platform as well as to the longitudinal side of the platform. To order, the walkway systems can also be attached directly to the machine or wall with fastening brackets or by means of support beam on the ground. The railings, handrails as well as safety doors can be fitted as required by the customer. As from a rise of 2.5 m, the access ladders are provided with a safety cage. In order to prevent unauthorised access to machines, the ladder can be fitted with a safety door.

## Intended use

- ð **The walkway systems have been designed for installation, servicing and monitoring work.**
- ð The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ð Unauthorised modifications on the walkway systems shall void the liability of the manufacturer for any resulting damage.
- ð The bridging of walkway systems with planks et cetera is impermissible. It is forbidden to increase the platform height by using ladder, crates or other devices.
- ð Use the walkway systems only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.
- ð Please make sure that the walkway system is set up statically stable on firm ground.
- ð The ascent to the platform is permissible only by means of the vertical ladder or the stairs provided.

## Special Solutions

### Walkway system

Ascent by stairs,  
with fastening brackets,  
railings on the outsides,  
safety door on the platform

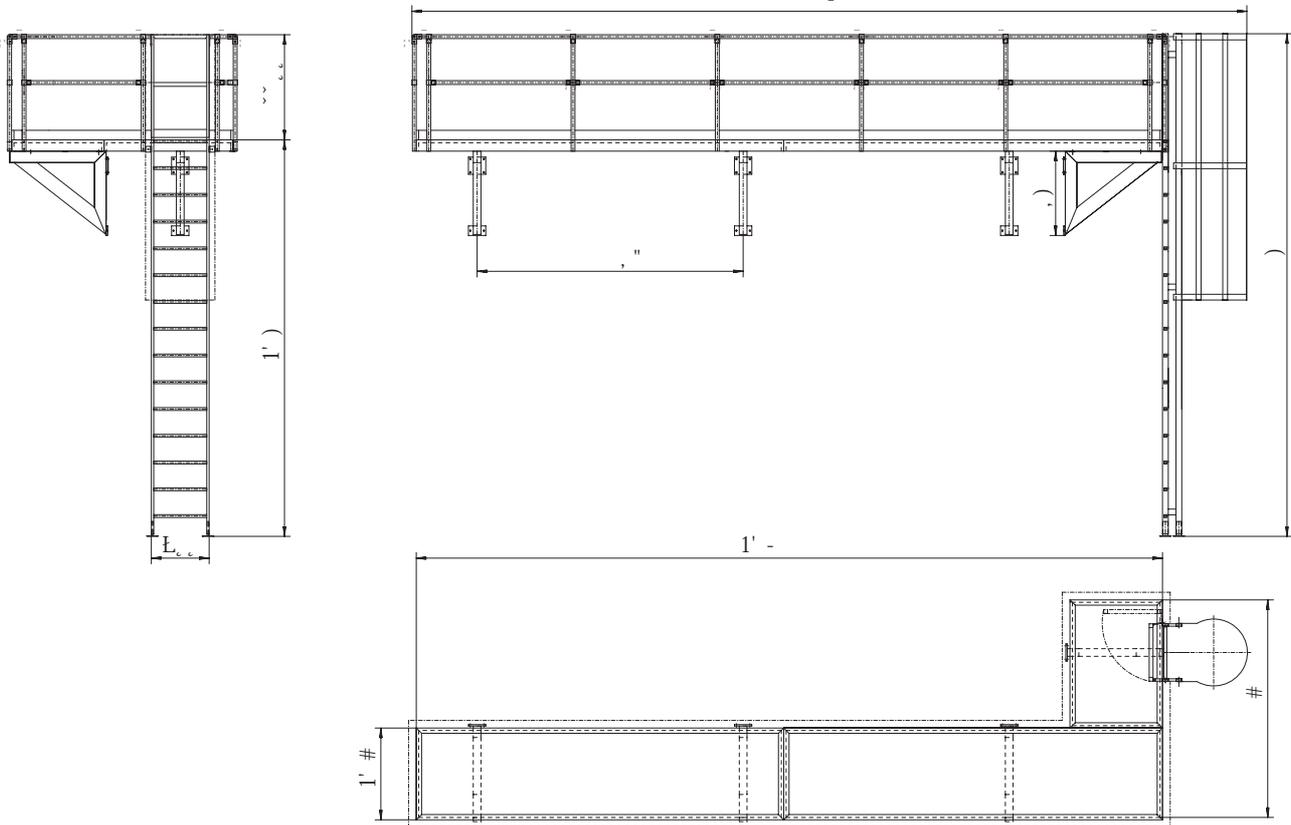


04/15051



10.02.18002

## Technical data



### Overall dimensions:

Platform length	<b>PF L</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Platform height	<b>PF H</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Bracket spacing	<b>KA</b>	mm	.....
Bracket height	<b>KH</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover		grooved aluminium	
Handrail		all around	
Ascent by vertical ladder			
Safety door with spring hinge			

### Other dimensions and constructions to order.

## Miscellaneous walkway systems



04/15051



7.02.18135



4.03.19974



3.00.6254P2

# Dock systems

for the aircraft industry



Günzburger Steigtechnik GmbH offers various types of dock systems. But, other customised requirements can be met as well.

The standard cover consists of pressed aluminium profiles with a grooved non-slip surface. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. The stairs can be fitted to the front side of the platform as well as to the longitudinal side of the platform. Optionally, the dock system can be fastened to the ground by means of the fastening angles; the system can also be fitted with a travelling mechanism for mobile use.

The railings, handrails as well as safety doors can be fitted as required by the customer.

The surfaces can also be powder-coated, for example in all standard RAL colours.

## Intended use

- ð **The dock systems have been designed for installation, servicing and monitoring work on aircraft.**
- ð The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ð Unauthorised modifications on the dock system shall void the liability of the manufacturer for any resulting damage.
- ð The presence of persons on the dock system is impermissible whilst the dock system is being moved.
- ð The bridging of dock system with planks et cetera is impermissible. It is forbidden to increase the platform height by using ladder, crates or other devices.
- ð Use the dock system only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.
- ð Please make sure that the dock system is set up statically stable on firm ground.
- ð The dock system may be used only, if the arrestors of the steering rollers have been applied.
- ð Do not produce any horizontal loads, which could cause the dock system to fall over.
- ð The ascent to the platform is permissible only by means of the vertical ladder or the stairs provided.

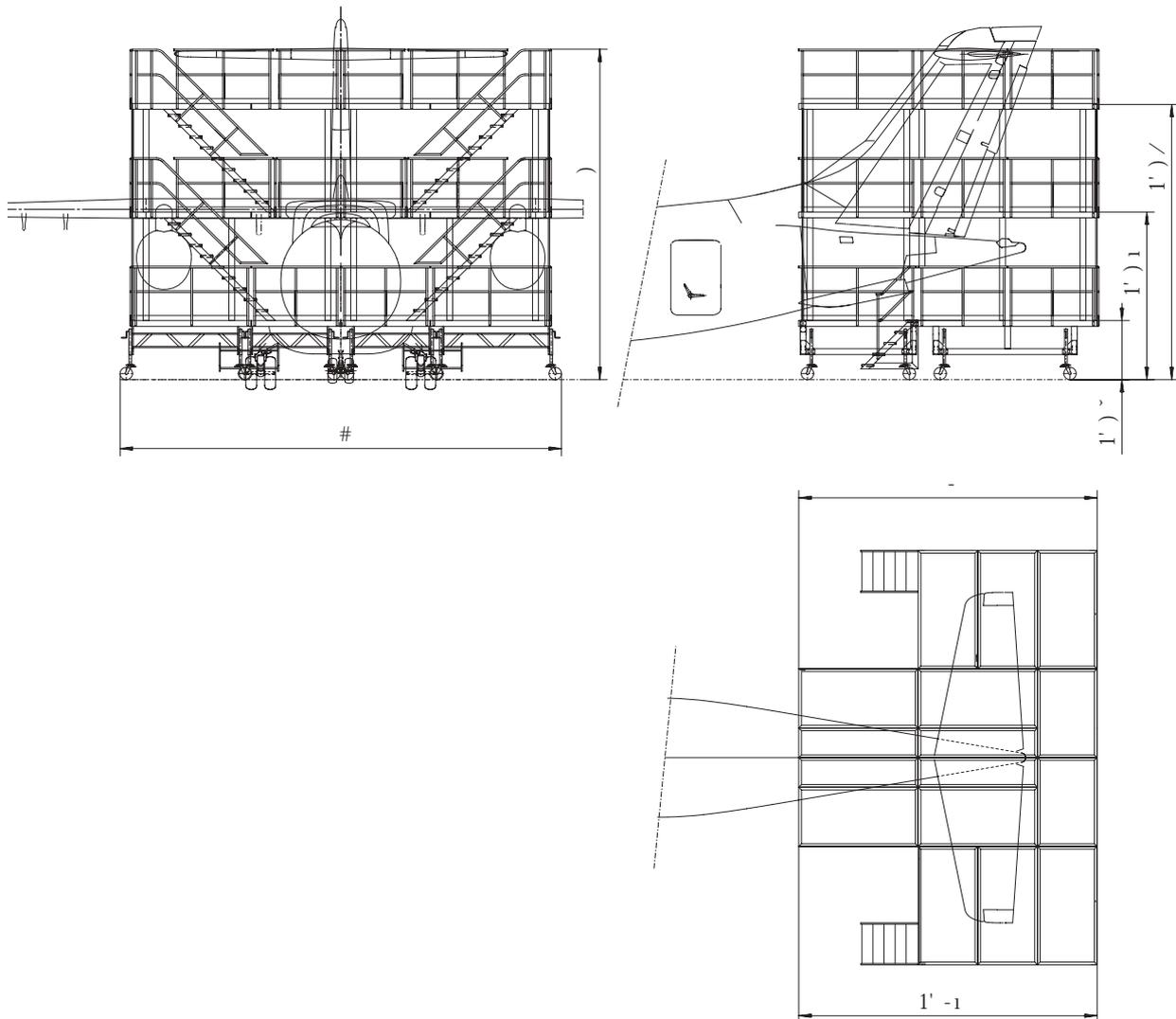
### Dock system

With three working levels,  
height-adjustable by means of spindle winches,  
ascent by stairs,  
abutting edges with protective plastic strips



80.01.13413

## Technical data



### Overall dimensions:

Platform height 1	<b>PF H1</b>	mm	.....
Platform height 2	<b>PF H2</b>	mm	.....
Platform height 3	<b>PF H3</b>	mm	.....
Overall height	<b>H</b>	mm	.....
Overall length	<b>L</b>	mm	.....
Overall width	<b>B</b>	mm	.....
Inclination of stairs	<b>W</b>	°	.....
Useful load		kg	.....
Permissible load		kg/sqm	150
Weight		kg	.....
Cover		grooved aluminium	
Handrail		on outer side	
Travelling mechanism height adjustable by spindle winches		mm	+/-150

### Other dimensions and constructions to order.

## Miscellaneous dock systems



70.02.08693



85.02.07461



85.02.07461

# Miscellaneous special solutions



421983  
Rigid working platform, with two working levels, access by front-side ladders, four castors



404733  
Raised fuel tank working platform, swivelling working platform with windlass, access by stairs, raised working platform completely covered



418902  
Working platform, with integrated bridging steps, access by stairs, firmly mounted



04.28622  
Height-adjustable working platform, with swivelling Railing ring, access by stairs, eight steering rollers

11

## Miscellaneous special solutions



0416854  
Train head platform with windlass, height-adjustable, access by stairs, four steering rollers



03.24531  
Rigid train head platform, access by stairs, with special travelling mechanism and braking device for tracks



422741  
Roof working platform, electrically adjustable, access by integrated vertical ladder, twelve steering rollers



418902  
Rigid roof working platform, access by stairs, firmly mounted

# Service ladder

with foldable rungs



Günzburger Steigtechnik GmbH offers various lengths of service ladders. But, other customised requirements can be met as well.

The base body is made of aluminium with an integrated fall stop rail. The rungs with side-slip protection are E6/EV1 anodised as a standard feature. The operation of the mechanism used to fold and unfold the rungs can be handled from top or from the bottom. The operating lever fitted with a ball-and-socket system can be removed. When the operating lever has been removed the ladder is also protected against unauthorised use at the same time. Upon customer request, the operating level can be secured by means of a padlock. The ladder is fastened by means of an adjustable wall anchor on the rear side of the ladder.

The surface of the single-rail ladder can be adapted to the customer requirements, such as powder coating, in all standard RAL colour or it can be anodised.

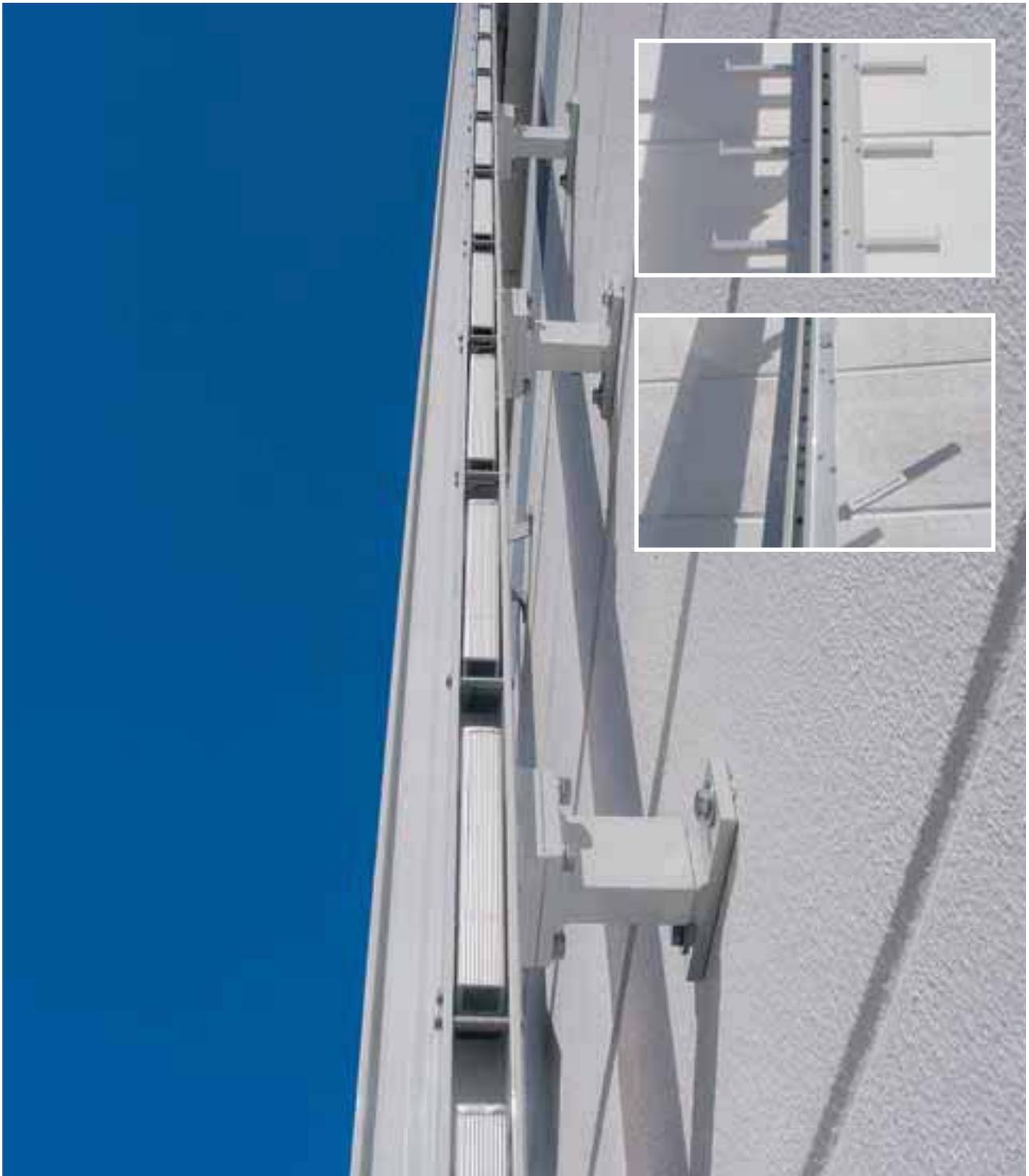
## Intended use

- ∅ **The service ladder have been constructed exclusively for climbing facades or as a means of ascent, which have to be protected against unauthorised use after use.**
- ∅ The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ∅ Unauthorised modifications on the service ladder shall void the liability of the manufacturer for any resulting damage.

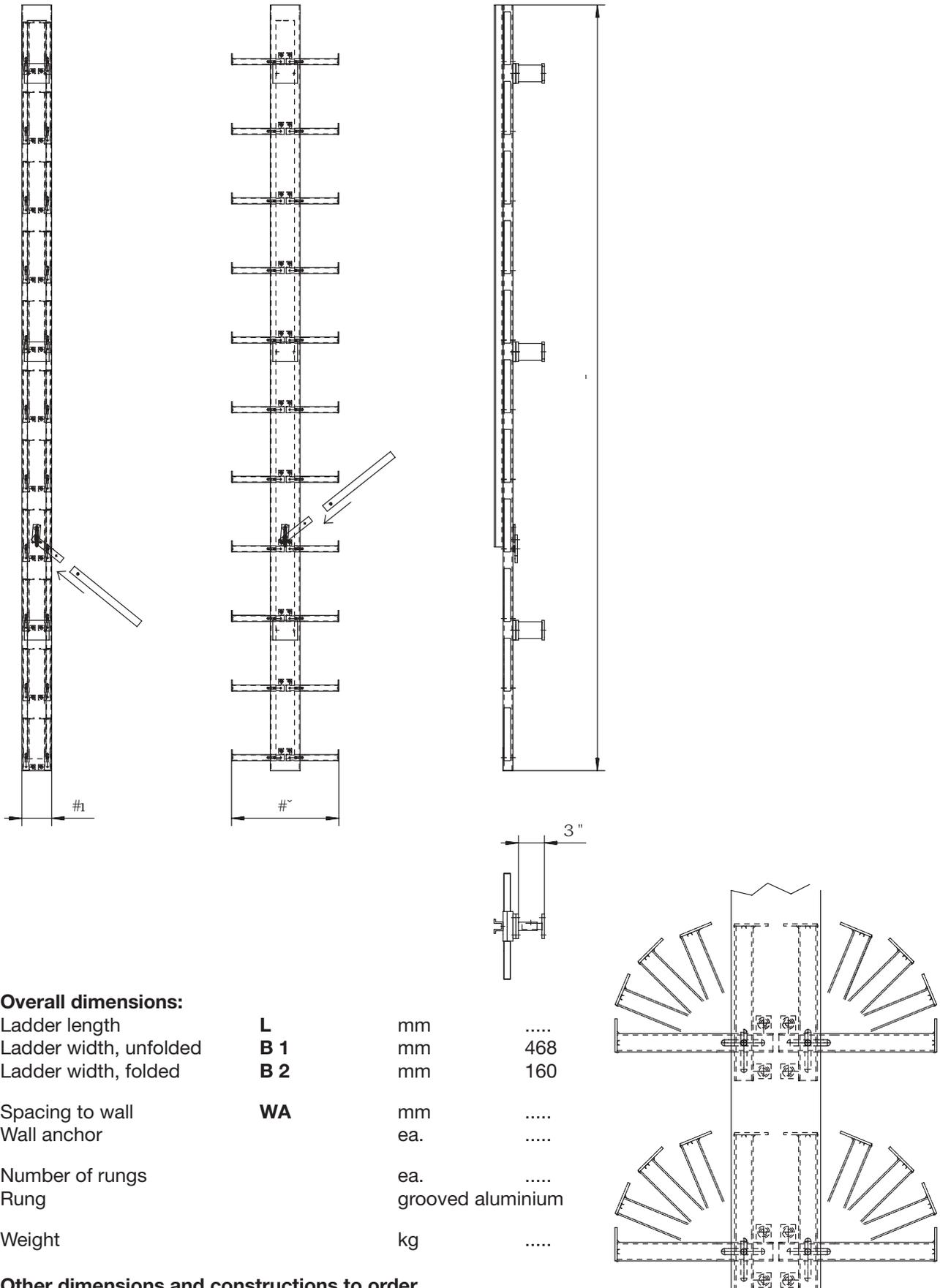
## Service ladder

With integrated fall stop rail and side-slip protection, rear-side wall anchors adjustable release possible from the top or bottom

Registered patent  
No. 299 14 289.2



## Technical data



### Overall dimensions:

Ladder length	<b>L</b>	mm	.....
Ladder width, unfolded	<b>B 1</b>	mm	468
Ladder width, folded	<b>B 2</b>	mm	160
Spacing to wall	<b>WA</b>	mm	.....
Wall anchor		ea.	.....
Number of rungs		ea.	.....
Rung		grooved aluminium	
Weight		kg	.....

Other dimensions and constructions to order.

## Other service ladders



3.02.19448



02/8751

Combined service ladder, upper part with fixed rungs, lower part with foldable rungs, release mechanism lockable against unauthorised use



3.02.19448



3.02.19448

# Emergency escape ladders Special vertical ladders



Günzburger Steigtechnik GmbH offers various types of emergency escape and special vertical ladders. But, other customised requirements can be met as well.

Our vertical ladders with aluminium side-rails are available in various dimensions as a standard feature. The grooved aluminium rungs permit a safe ascent. In addition, steel or stainless steel side-rails as well as steel or stainless steel rungs can be used. Moreover the emergency escapes or second escape route can be combined with platforms or stairs and descent ladders.

The special aluminium ladders can be obtained in various surfaces, such as anodised or power-coated surfaces, et cetera.

## Intended use

- ∅ **Primarily the emergency descents of special vertical ladders are fitted to the outside wall of buildings as a second escape route.**
- ∅ The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ∅ Unauthorised modifications on the fuel truck ladder shall void the liability of the manufacturer for any resulting damage.

## Special Solutions

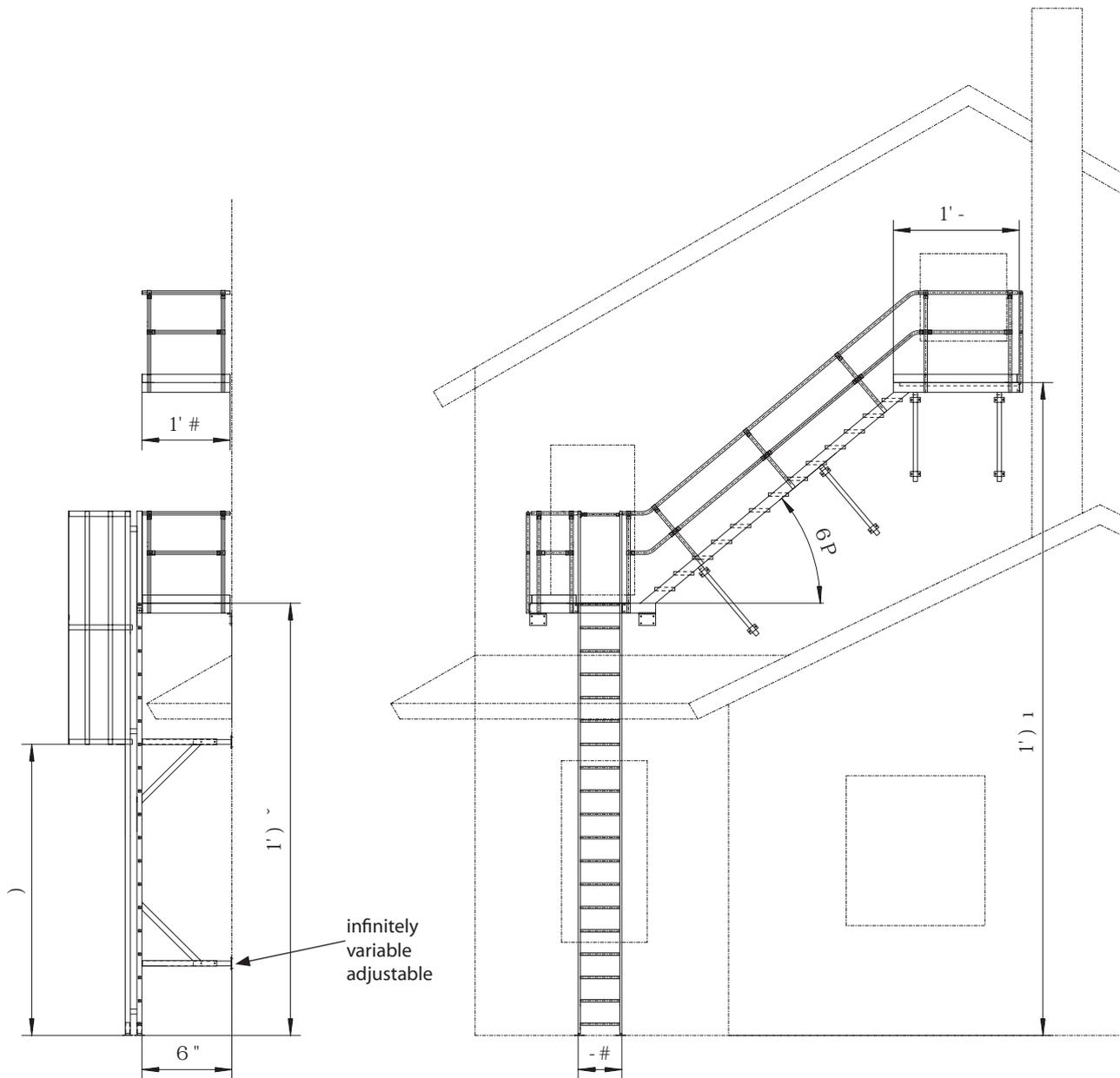
### Emergency escape ladder

As an escape route with two escape platforms, descent stairs with handrail, vertical ladder with special wall anchors and safety cage



4.03.16531

## Technical data



### Overall dimensions:

Platform height 1	<b>PFH 1</b>	mm	....
Platform height 2	<b>PFH 2</b>	mm	....
Clear vertical height	<b>H</b>	mm	....
Platform width	<b>PFB</b>	mm	....
Platform length	<b>PFL</b>	°	....
Spacing to wall	<b>WA</b>	mm	....
Useful load		kg	200
Weight		kg	....
Rung		grooved aluminium	
Railing		along the front and the side	

Other dimensions and constructions to order.

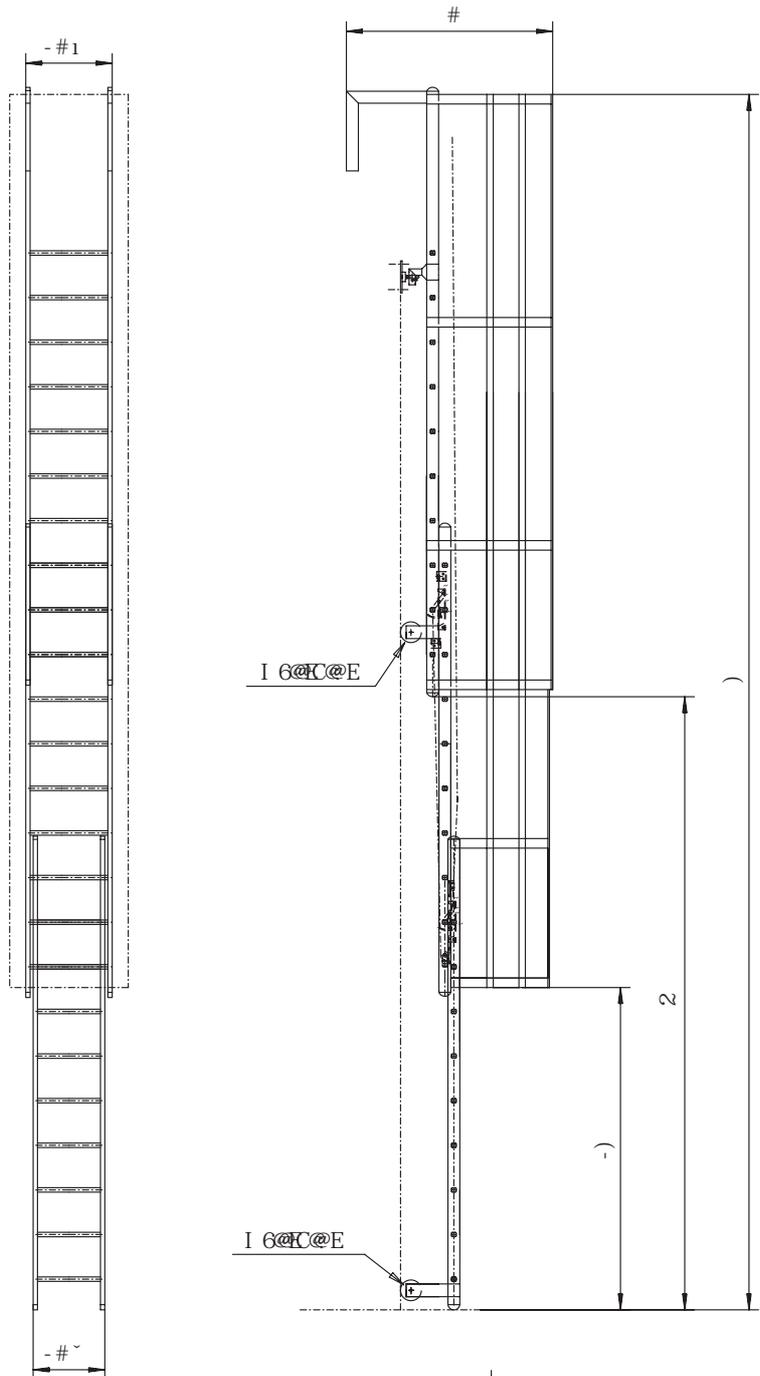
### Emergency escape ladder

Three-part push-up extension ladder with rope pull and safety cage as well as wall rollers, operation from the top and bottom



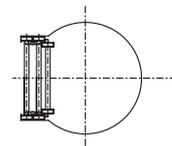
3.03.20904

## Technical data



### Overall dimensions:

Clear width	<b>LH</b>	mm	.....
Ladder width 1	<b>LB 1</b>	mm	.....
Ladder width 2	<b>LB 2</b>	mm	.....
Total height	<b>H</b>	mm	.....
Total width	<b>B</b>	mm	.....
Adjustment range	<b>V</b>	mm	.....
Useful load		kg	150
Permissible load		kg/sqm	150
Weight		kg	.....
Rung		grooved aluminium	



Other dimensions and constructions to order.

## Miscellaneous vertical ladders



3.01.05449



3.01.05460 and 3.01.05461



04.6134



4.02.10487

# Special scaffoldings



Günzburger Steigtechnik GmbH offers various types of scaffoldings. But, other customised requirements can be met as well.

The standard cover consists of screen-print plates with a non-slip surface. Upon request, these platform covers can also be provided with steel or aluminium grating as well as perforated steel and aluminium sheet. The travelling mechanism has been fitted with height-adjustable load-centred steering rollers. The railings, handrails as well as safety doors as well as surrounding platform extensions can be fitted as required by the customer. The ascent can be fitted to the front parts or can be constructed as ascent stairs as well as a lean-to ladder.

## Intended use

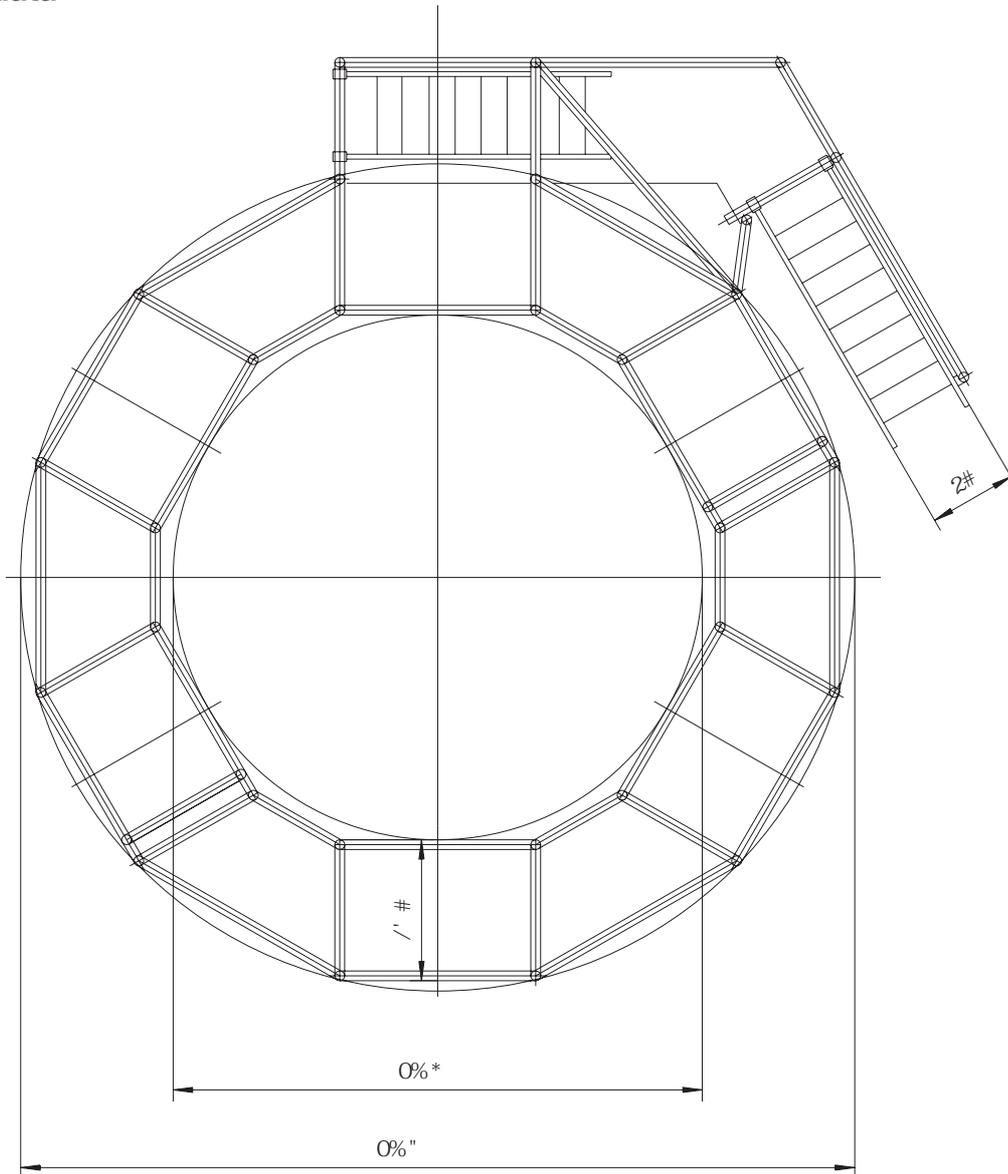
- ð **The scaffoldings have been designed for safe work on raised levels.**
- ð The pertinent accident prevention regulations as well as the other generally acceptable safety-related rules have to be observed.
- ð Unauthorised modifications on the scaffoldings shall void the liability of the manufacturer for any resulting damage.
- ð The presence of persons on the scaffoldings is impermissible whilst the scaffolding is being moved.
- ð The bridging of the scaffoldings with planks et cetera is impermissible. It is forbidden to increase the platform height by using ladder, crates or other devices.
- ð Use the scaffoldings only in technically perfect condition as well as for the intended use keeping safety and hazards in mind and observing the operating instructions ! Immediately have those disturbances in particular removed which could affect the safety.
- ð Please make sure that the scaffolding is set up statically stable on firm ground.
- ð The scaffoldings may be used only, if the arrestors of the steering rollers have been applied.
- ð Do not produce any horizontal loads, which could cause the scaffoldings to fall over.
- ð The ascent to the platform is permissible only by means of the vertical ladder or the stairs provided.

### Round scaffolding

Trapezoidal platform elements aligned next to each other in a circle, ascent by means of inclined ladders, travelling mechanism with steering rollers and arrestors



## Technical data



### Overall dimensions:

Platform height	<b>PF H</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Inside diameter	<b>RD I</b>	mm	.....
Outside diameter	<b>RD A</b>	mm	.....
Total height	<b>H</b>	mm	.....
Total length	<b>L</b>	mm	.....
Total width	<b>B</b>	mm	.....
Width of stairs	<b>TB</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover		screen-print plate	
Handrail		both sides	
Travelling mechanism		Yes	

Other dimensions and constructions to order.

## Special Solutions

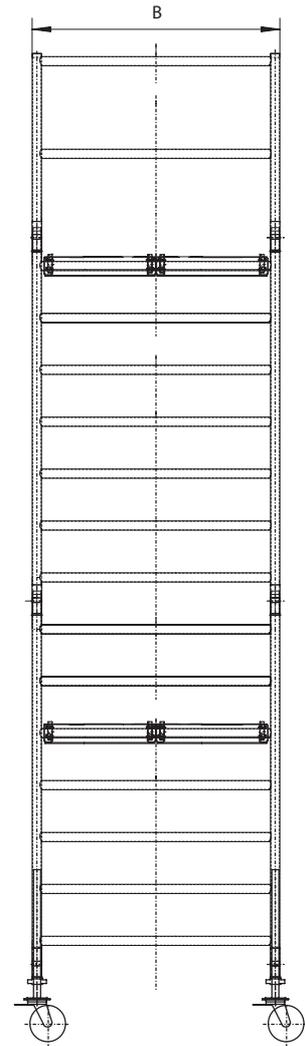
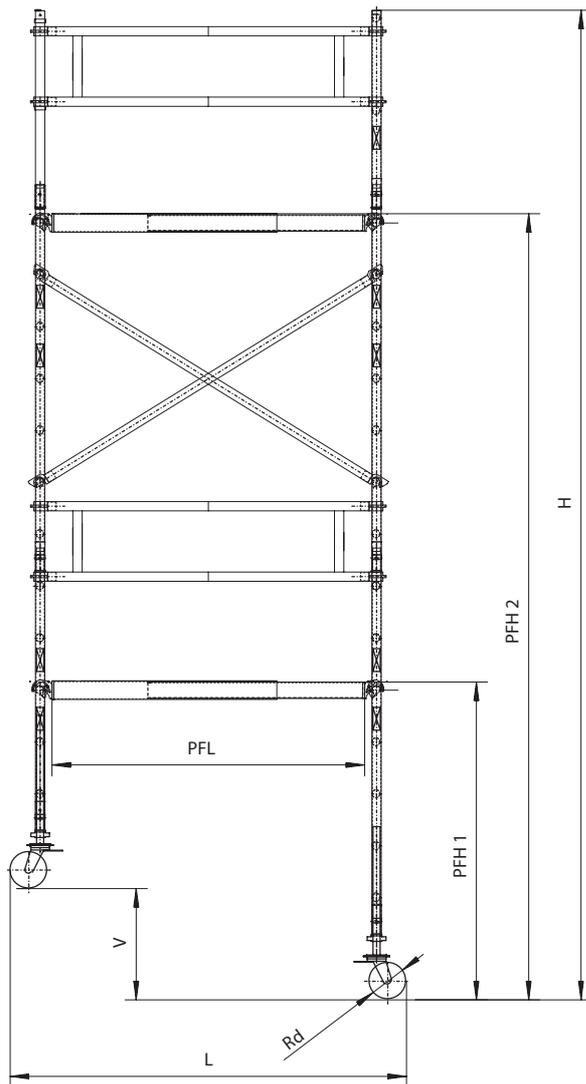
### Special scaffolding

With hang-in platform,  
no tools required for complete disassembly,  
platforms and railings telescopic in length  
by means of booms



04/11044

## Technical data



### Overall dimensions:

Platform height	<b>PF H</b>	mm	.....
Platform width	<b>PF B</b>	mm	.....
Platform length	<b>PF L</b>	mm	.....
Total height	<b>H</b>	mm	.....
Total length	<b>L</b>	mm	.....
Total width	<b>B</b>	mm	.....
Useful load		kg	200
Permissible load		kg/sqm	150
Weight		kg	.....
Cover		screen-print plate	
Width of stairs	<b>TB</b>	mm	.....
Inclination of stairs	<b>W</b>	mm	.....
Handrail		both sides	
Travelling mechanism		Yes	
Roller diameter	<b>Rd</b>	mm	.....

Other dimensions and constructions to order.

## Miscellaneous scaffoldings



4.01.08992



2.00.19.109



115601

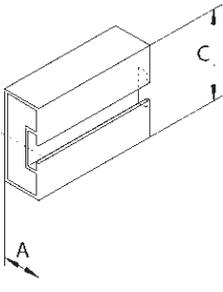
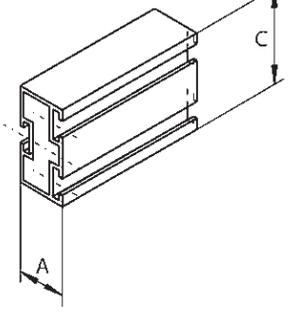
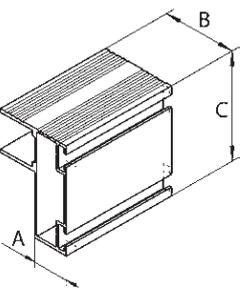
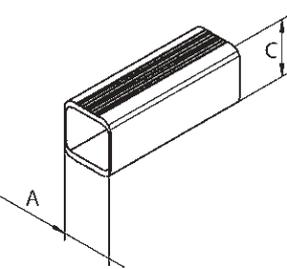
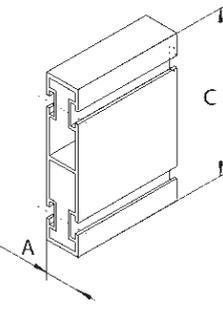
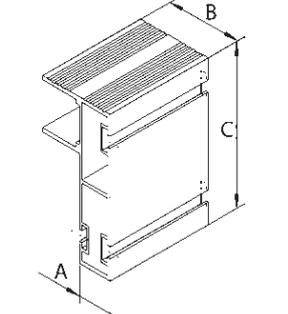
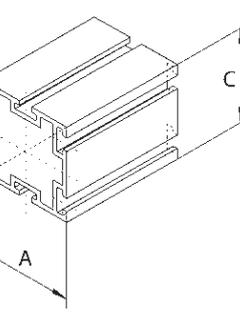
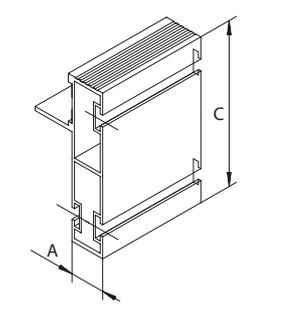
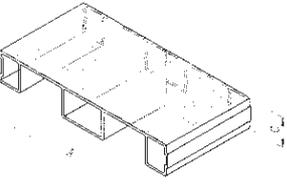
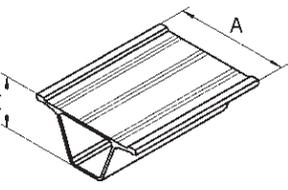
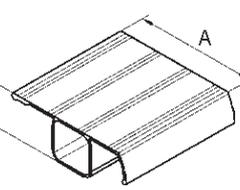
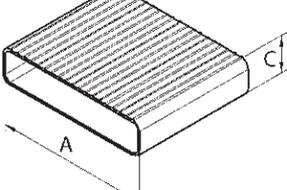


441802

# Overview of profiles

Günzburger Steigtechnik GmbH offers various base profiles, with which all variants of constructions can be built. These parts can be obtained separately as well as in various components (profile length up to 6 m).



			
<b>Side-rail profile</b>	<b>Side-rail profile</b>	<b>Platform profile</b>	<b>Rung profile</b>
<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>	<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>	<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>	<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>
25         58     186011	25         50     181020	24   50   73     186012	29         28     186021
			
<b>Side-rail profile</b>	<b>Platform profile</b>	<b>Screw channel profile</b>	<b>Platform profile</b>
<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>	<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>	<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>	<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>
25         98     181001	25   55   98     181005	50         50     186014	25   55   118   186061
25         118   181002	25   55   118   181006	60         60     186015	
30         140   186060	30   60   140   186059	118         118   186016	
			
<b>Cover profile</b>	<b>Step profile 65</b>	<b>Step profile 85</b>	<b>Step profile 100</b>
<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>	<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>	<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>	<b>A</b> <b>B</b> <b>C</b> <b>Order No.</b>
200         33     181015	65         29     186022	85         29     186023	100         23     186024
240         33     181025			

# Special Solutions

Steel grating step				Perforated steel sheet metal step				Aluminium grating step				Perforated steel sheet Aluminium			
A	B	C	Order No.	A	B	C	Order No.	A	B	C	Order No.	A	B	C	Order No.
240	600	45	182021	200	600	45	182031	235	600	45	182001	200	600	45	182011
240	800	45	182022	200	800	45	182032	235	800	45	182002	200	800	45	182012
240	1000	45	182023	200	1000	45	182033	235	1000	45	182003	200	1000	45	182013
270	600	45	186037	225	600	45	186043								
270	800	45	186038	225	800	45	186044					<b>Perforated steel sheet metal Aluminium-Graeple</b>			
270	1000	45	186039	225	1000	45	186045					240	600	45	186046
305	600	45	186040									240	800	45	186047
305	800	45	186041									240	1000	45	186048
305	1000	45	186042												
Steel grating cover				Perforated steel sheet metal cover				Aluminium grating cover				Perforated steel sheet Aluminium			
A	B	C	Order No.	A	B	C	Order No.	A	B	C	Order No.	A	B	C	Order No.
200	594	30	186050	Platforms can be supplied with perforated sheet-metal steps of 200 or 225 mm.				600	594	30	182101	Platforms can be supplied with perforated sheet-metal steps of 200 or 240 mm.			
200	794	30	186051					600	794	30	182102				
200	994	30	186052					600	994	30	182103				
600	594	30	182201					526	787	30	186058				
600	794	30	182202												
600	949	30	182203												
556	800	30	186053												
400	800	30	186054												
800	800	30	186055												
500	1000	30	186056												
1000	1000	30	186057												

# System railings

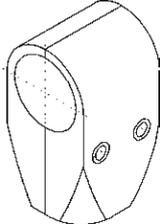
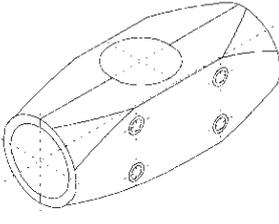
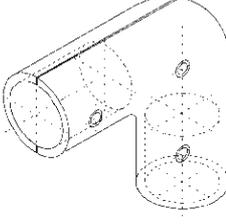
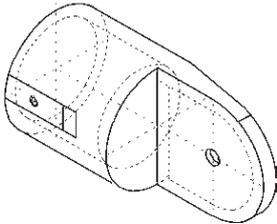
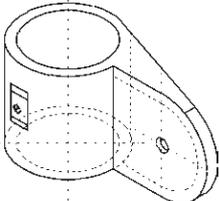
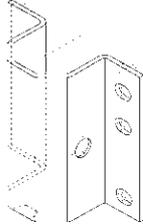
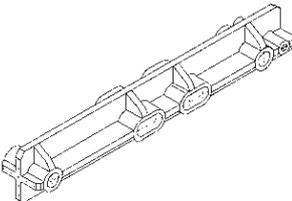
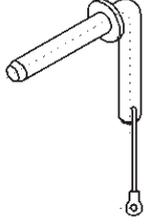
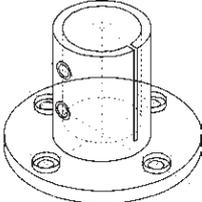
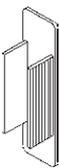
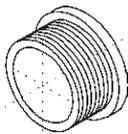
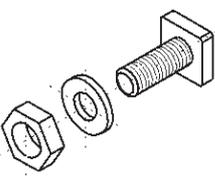
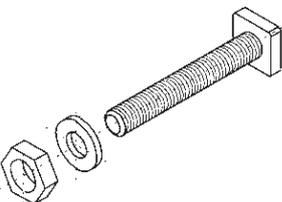
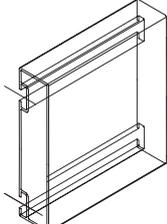
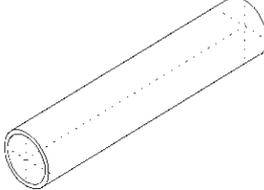


Günzburger Steigtechnik GmbH offers various connecting parts for pipes with an external diameter of 40 mm, with which all variants of constructions can be built. The following pages render examples demonstrating how railings or handrails can be constructed. Upon request the surfaces can also be powder-coated, for example, in all standard RAL colours.

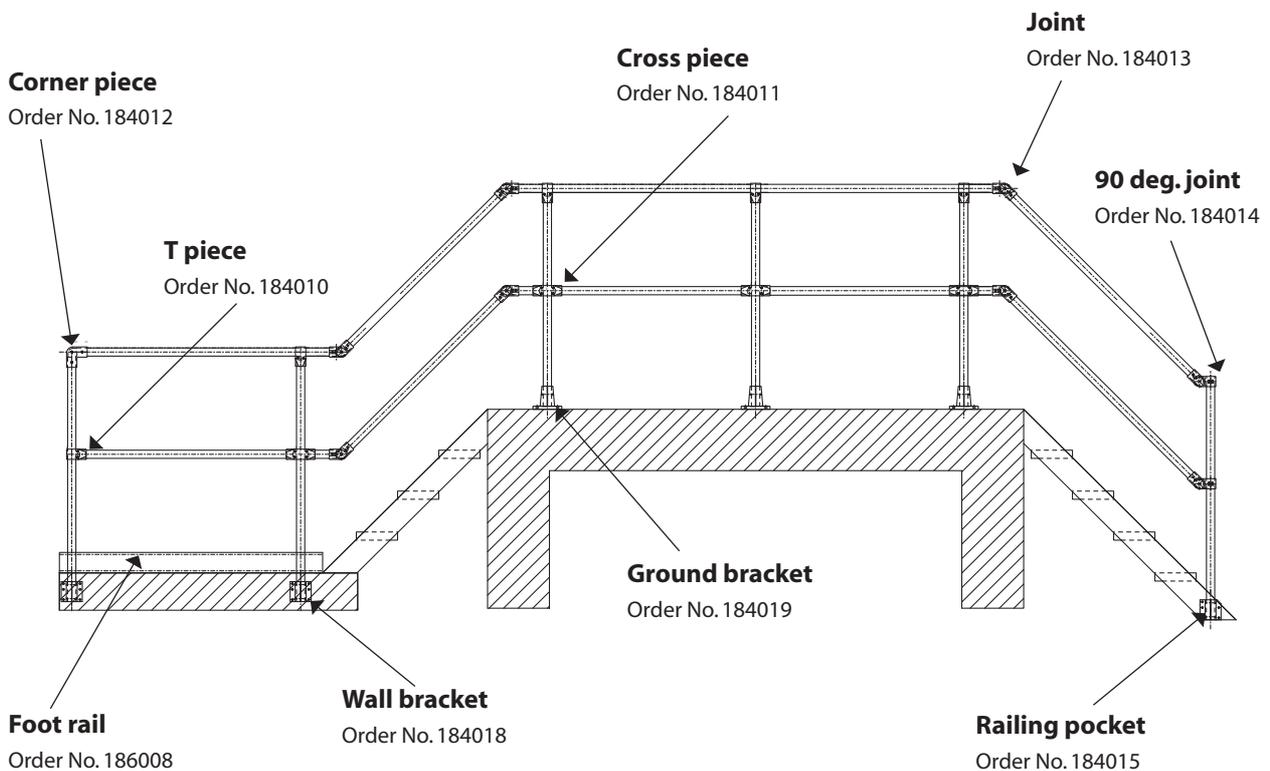
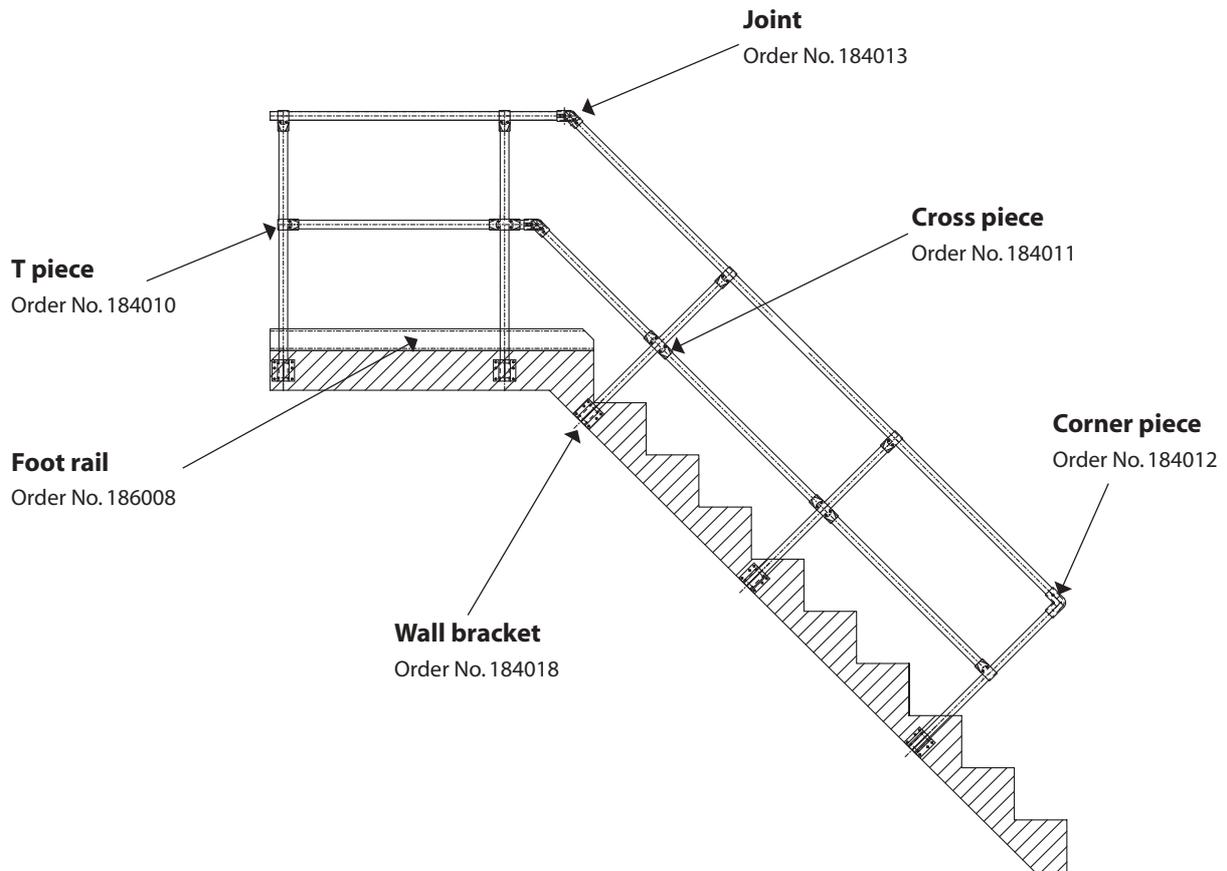


# Overview of connectors



							
<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>
Pipe connection - T piece	184010	Pipe connection - cross piece	184011	Pipe connection - corner piece	184012	Pipe connection - joint	184013
							
<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>
Pipe connection - 90 deg. joint	184014	Railing pocket	184015	Railing fille	184016	Safety plug 58 mm	184017
							
<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>
Wall bracket	184018	Ground bracket	184019	End cap 108 x 25	183061	Stopper diam. 40 x 3	186004
							
<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>	<b>Designation</b>	<b>Order No.</b>
T bolt M8 x 18 kpl.	186002	T bolt M8 x 55 kpl.	186003	Foot rail		Aluminium round pipe	
				102x25x7000	186062	diam. 40x3x7000	186009
						diam. 40x3x5220	186006
						diam. 40x3x3500	186007

## Montagebeispiele



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